

insidemed

WELCOME TO INSIDEMED

Manufacturer of **Surgical Instruments**

INSTRUMENTS CATALOG

2021-2022

www.**insidemedikal**.com

SURGICAL INSTRUMENTS
STERILE CONTAINER SYSTEMS

Hakkımızda (About Us)

Firmamız, kurucularımızın 10 sene dış ticaret tecrübesi ve 5 sene sektör tecrübesi sonrasında 2016 yılında Samsun'da kurulmuştur. Bu tarihten itibaren cerrahi el aletleri branşında ithalat ihracat danışmanlığıyla başlayan serüvenimiz sonunda İNSİDEMED markasıyla üretici olma gururuna ulaşmıştır. Üretim politikamız; sektörel deneyimlerimiz ve ikili müşteri ilişkilerimiz sonucunda tüm cerrahi branşları kapsamıştır.

Hedefimizde öncelik kalitedir. Bu doğrultuda ürünlerimizi sadece Türkiye'de değil hedeflediğimiz tüm pazarlarda , başarıyla tanıtma yolunda özveriyle çalışmalarımızı sürdürmekteyiz.

Üretim kapasitemiz sadece bu katalogdaki ürünlerle sınırlı değildir. Binlerce çeşit arasından daha çok tercih edilen ürünleri bir araya getirmeye çalıştık.

After 10 years foreign trade and 5 years sectoral experiences of our founders, our company was founded in 2016 in Samsun. Since this date, our adventure which started with consultancy about import and export, has been continuing proudly as producer for surgical instruments as INSIDEMED brand. As a consequence of our sectoral experiences and bilateral customer relations, our production policy contains all surgical branchesas.

Our priority is quality. In this direction, we have maintained our works devotedly in introducing our products not only in Turkey but also in the international aimed markets.

Our production capacity is not limited to the products only in this catalog. We have tried to bring together more preferred products from thousands of varieties.

GARANTİ (WARRANTY)

İnside Medikal olarak tescilli markamızı taşıyan tüm ürünlerimizde iki yıl garanti vermekteyiz. Bu süre içinde olağan kullanım koşullarında arızalanan aletler olursa, ücretsiz şekilde onarılacak veya yenisiyle değiştirilecektir.

We offer two years warranty for all products bearing our registered trademark as InsideMed. In the meantime ,if there is any problem in the standard usage, instruments will be repaired or changed with new one as free.

inside med

GENERAL SURGICAL INSTRUMENTS



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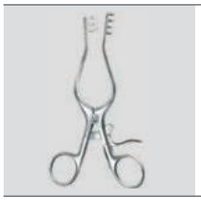
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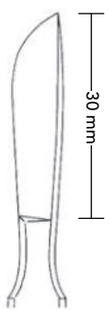
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GK

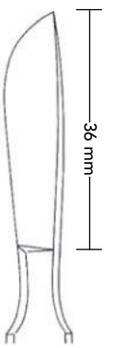
SCALPELS



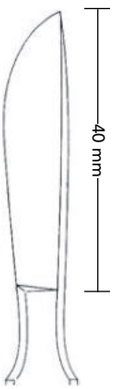




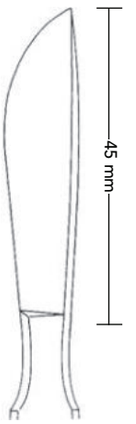
GK002.01
15 cm/6″
Fig. 1



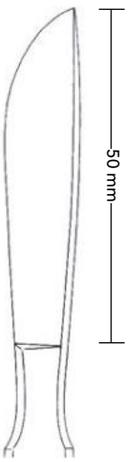
GK002.02
15 cm/6″
Fig. 2



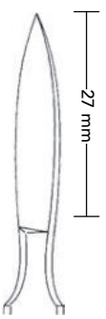
GK002.03
15 cm/6″
Fig. 3



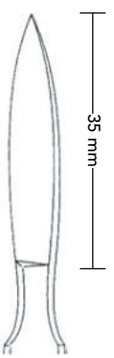
GK002.04
16 cm/6¼″
Fig. 4



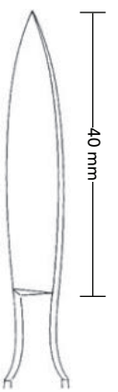
GK002.05
16 cm/6¼″
Fig. 5



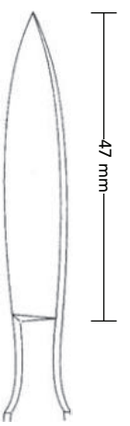
GK002.06
15 cm/6″
Fig. 6



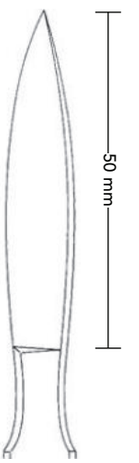
GK002.07
15 cm/6″
Fig. 7



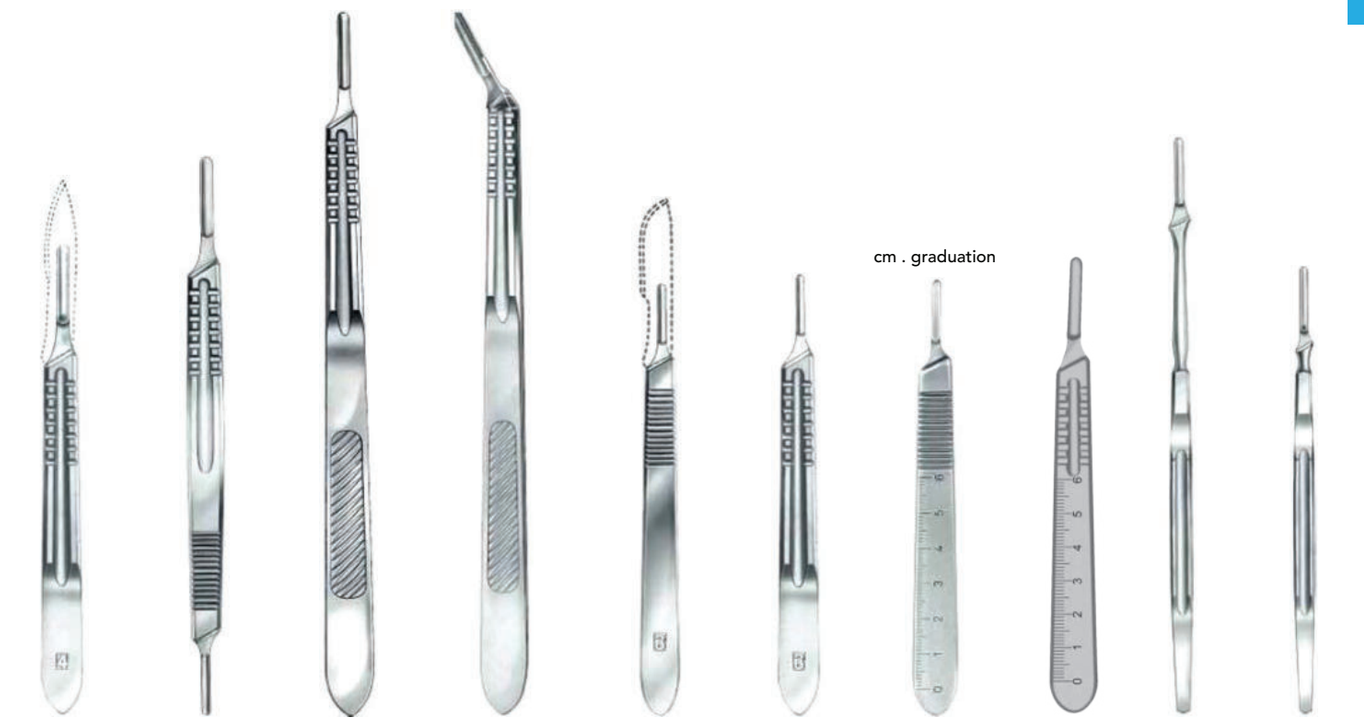
GK002.08
16 cm/6¼″
Fig. 8



GK002.09
16 cm/6¼″
Fig. 9



GK002.10
17 cm/6¾″
Fig. 10



GK100.04
13.5 cm/5″
No. 4

GK103.04
16 cm/6¼″
No. 3 & 4

GK104.41
21 cm/8¼″
No. 4L

GK104.45
20.5 cm/8″
No. 4L

GK130.03
12 cm/4¾″
No. 3

GK130.04
12 cm/4¾″
No. 3

GK130.05
12 cm/4¾″
No. 3

GK1000.01
13.5 cm/5″
No. 4

GK137.07
16 cm/6¼″
No. 7

GK137.71
12.5 cm/5″
No. 7K



GK1000.02
21 cm/8¼″
No. 3

GK133.31
21.5 cm/8¼″
No. 3L

GK133.35
20.5 cm/8″
No. 3L

GK135.01
26 cm/10¼″
No. 3XL

GK146.03
14 cm/5½″
No. 3

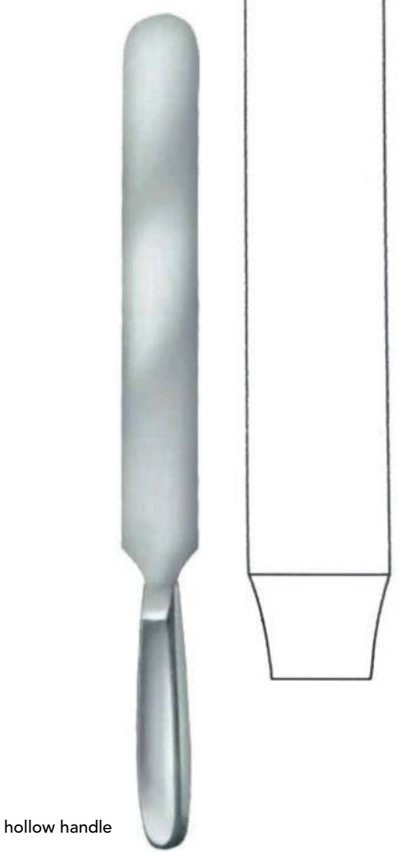
GK147.03
14 cm/5½″
No. 3

GK140.03
15.5 cm/6″
No. 3

COLLIN GK108.08
13.5 cm/5¼″
No. 8

COLLIN GK109.09
14.5 cm/5¾″
No. 9

Brain knives



hollow handle

VIRCHOW

	Blade Length	Total Length
GK038.16	160 mm	26 cm/10¼"
GK038.20	200 mm	33.5 cm/13¼"
GK038.24	240 mm	39 cm/15"

Dissecting end



GK560.06
19 cm/7¼"
solid handle

Resection knives



LANGENBECK
GK570.05
18 cm/7"
hollow handle



LANGENBECK
GK572.05
18 cm/7"
hollow handle

Amputation knives



LISTON
GK500.16
29 cm/11"
hollow handle



LISTON
GK500.19
32 cm/12¾"
hollow handle

Razor knives



GK800.00



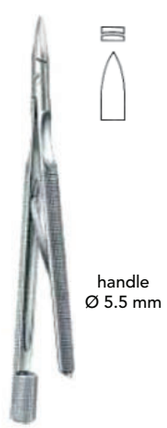
GK811.00

Package with 5 pieces
Razor blades



GK096.00

Blade holders



TROUTMAN-CHRIS
GK090.09
9 cm/3½"



TROUTMAN-CHRIS
GK091.09
9 cm/3½"

Blade breakers



GK092.11
11 cm/3¼"



CASTROVIEJO
GK094.13
13 cm/5"

Complete with blade



GK878.01
Spare blade
for HUMBY

HUMBY
GK878.00
32 cm/12¾"

Complete with 2 skin
fixing plates & one blade

adjustable from 0.1 to 2.0 mm



SCHINK
GK880.00
30 cm/12"

Spare blade
for SCHINK



GK880.01

Skin fixing plate



SCHINK
GK880.02

Dermatome for
usual razor blades



SILVER
GK882.19
19.5 cm/7¾"

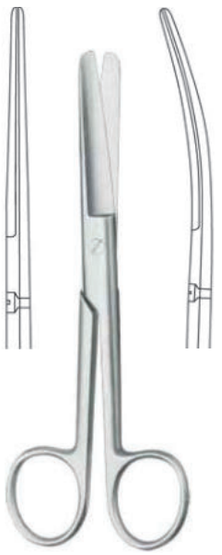
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GS

SCISSORS



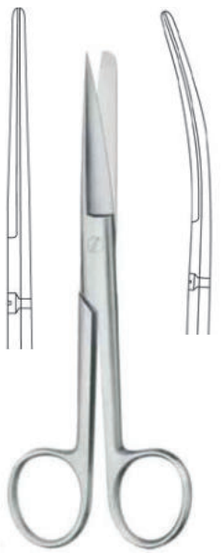
Blunt/Blunt



STANDARD

	Straight	Curved
11.0 cm/4¼"	**GS100.11**	**GS105.11**
13.0 cm/5"	**GS100.13**	**GS105.13**
14.5 cm/5¾"	**GS100.14**	**GS105.14**
15.5 cm/6¼"	**GS100.15**	**GS105.15**
16.5 cm/6½"	**GS100.16**	**GS105.16**
17.5 cm/7"	**GS100.17**	**GS105.17**
18.5 cm/7¼"	**GS100.18**	**GS105.18**
20.5 cm/8"	**GS100.20**	**GS105.20**

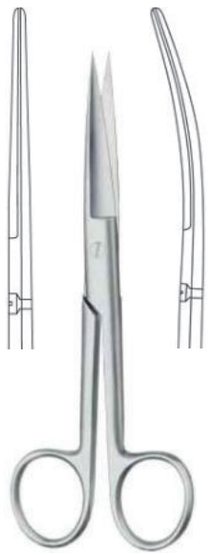
Blunt/Sharp



STANDARD

	Straight	Curved
11.0 cm/4¼"	**GS102.11**	**GS107.11**
13.0 cm/5"	**GS102.13**	**GS107.13**
14.5 cm/5¾"	**GS102.14**	**GS107.14**
15.5 cm/6¼"	**GS102.15**	**GS107.15**
16.5 cm/6½"	**GS102.16**	**GS107.16**
17.5 cm/7"	**GS102.17**	**GS107.17**
18.5 cm/7¼"	**GS102.18**	**GS107.18**
20.5 cm/8"	**GS102.20**	**GS107.20**

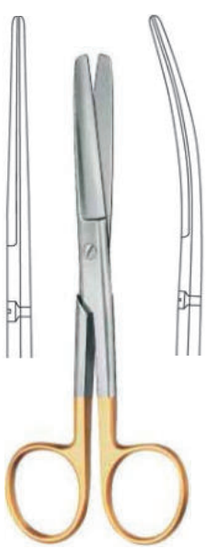
Sharp/Sharp



STANDARD

	Straight	Curved
11.0 cm/4¼"	**GS104.11**	**GS109.11**
13.0 cm/5"	**GS104.13**	**GS109.13**
14.5 cm/5¾"	**GS104.14**	**GS109.14**
15.5 cm/6¼"	**GS104.15**	**GS109.15**
16.5 cm/6½"	**GS104.16**	**GS109.16**

TC Edge



STANDARD

	Straight	Curved
14.5 cm/5¾"	**GS902.14**	**GS903.14**

SuperCut



STANDARD

Straight	Curved
GS650.14	**GS651.14**

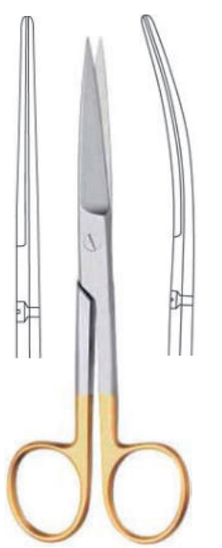
TC Edge



STANDARD

Straight	Curved
GS904.14	**GS905.14**

TC Edge



STANDARD

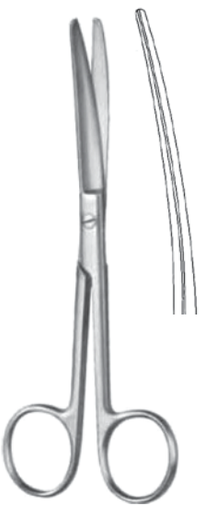
Straight	Curved
GS906.14	**GS907.14**



Delicate scissors



13.0 cm/5″	Blunt/Blunt	**GS120.13**
14.5 cm/5¾″	Blunt/Blunt	**GS120.14**
13.0 cm/5″	Sharp/Blunt	**GS122.13**
14.5 cm/5¾″	Sharp/Blunt	**GS122.14**
13.0 cm/5″	Sharp/Sharp	**GS124.13**
14.5 cm/5¾″	Sharp/Sharp	**GS124.14**



13.0 cm/5″	Blunt/Blunt	**GS125.13**
14.5 cm/5¾″	Blunt/Blunt	**GS125.14**
13.0 cm/5″	Sharp/Blunt	**GS127.13**
14.5 cm/5¾″	Sharp/Blunt	**GS127.14**
13.0 cm/5″	Sharp/Sharp	**GS129.13**
14.5 cm/5¾″	Sharp/Sharp	**GS129.14**

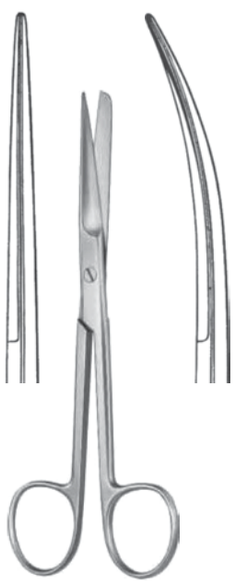
Incision scissors



GS136.14
14.5 cm/5¾″

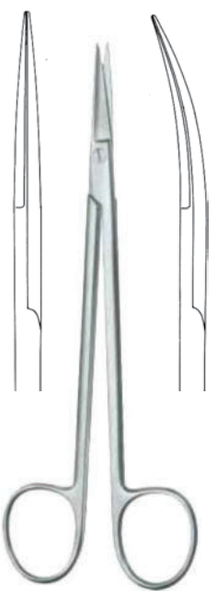


DEAVER
GS142.15
14.5 cm/5¾″



DEAVER
14 cm/5½″

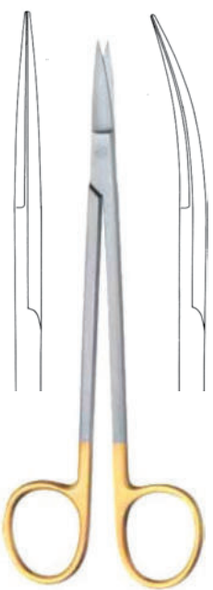
Straight	Curved
GS140.14	**GS141.14**



KELLY
16 cm/6¼″

Straight	Curved
GS226.16	**GS227.16**

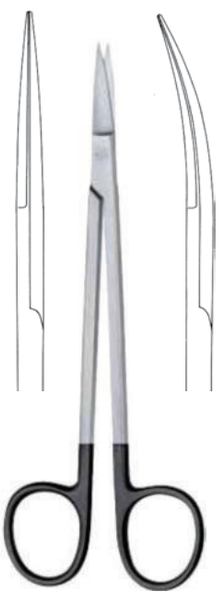
TC Edge



KELLY
16 cm/6¼″

Straight	Curved
GS992.16	**GS993.16**

SuperCut



KELLY
16 cm/6¼″

Straight	Curved
GS656.16	**GS657.16**



MAYO

	Straight	Curved
14.5 cm/5¾"	**GS170.14**	**GS171.14**
15.5 cm/6¼"	**GS170.15**	**GS171.15**
17.0 cm/6¾"	**GS170.17**	**GS171.17**
23.5 cm/9¼"	**GS170.23**	**GS171.23**

TC Edge



MAYO

	Straight	Curved
14.5 cm/5¾"	**GS910.14**	**GS911.14**
17.0 cm/6¾"	**GS910.17**	**GS911.17**
23.5 cm/9¼"	**GS910.23**	**GS911.23**

SuperCut



MAYO

	Straight	Curved
14.5 cm/5¾"	**GS652.14**	**GS653.14**
17.0 cm/6¾"	**GS652.17**	**GS653.17**
23.5 cm/9¼"	**GS652.23**	**GS653.23**



MAYO STILLE

	Straight	Curved
15.0 cm/6"	**GS180.15**	**GS181.15**
17.0 cm/6¾"	**GS180.17**	**GS181.17**

TC Edge



MAYO STILLE

	Straight	Curved
15.0 cm/6"	**GS930.15**	**GS931.15**
17.0 cm/6¾"	**GS930.17**	**GS931.17**

SuperCut



MAYO STILLE

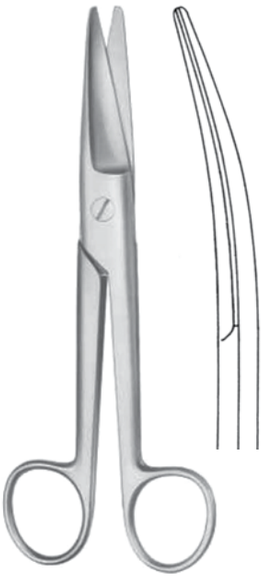
	Straight	Curved
15.0 cm/6"	**GS654.15**	**GS655.15**
17.0 cm/6¾"	**GS654.17**	**GS655.17**

One toothed cutting edge



MAYO

14.5 cm/5¾″	**GS915.14**
17.0 cm/6¾″	**GS915.17**
23 cm/9″	**GS915.23**



MAYO-NOBLE 17.0 cm/6¾″

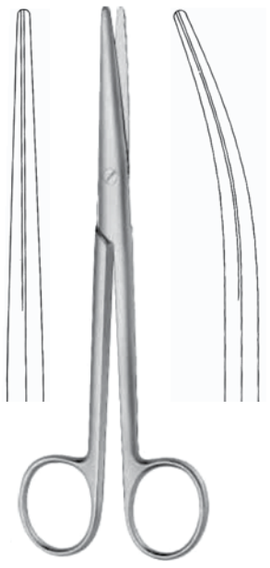
Straight	Curved
GS190.17	**GS191.17**

TC Edge



MAYO-LEXER
16 cm/6¼″
GS953.16

Dissecting scissors

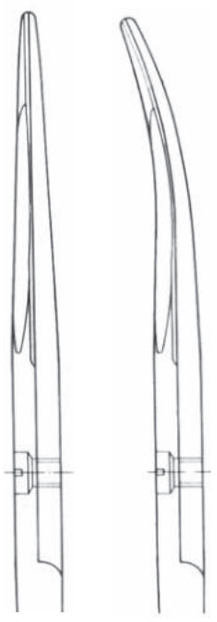


MAYO STILLE

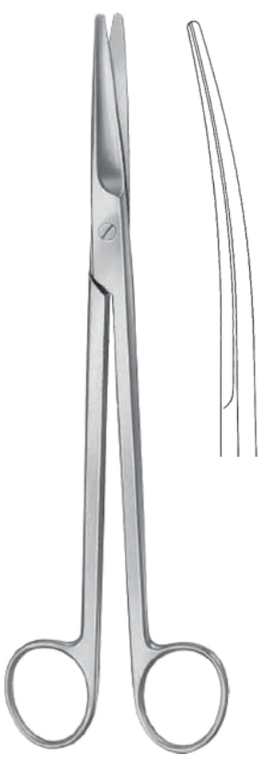
	Straight	Curved
16 cm/6¼″	**GS184.16**	**GS185.16**
19.5 cm/7¾″	**GS184.19**	**GS185.19**
21.5 cm/8½″	**GS184.21**	**GS185.21**



MAYO



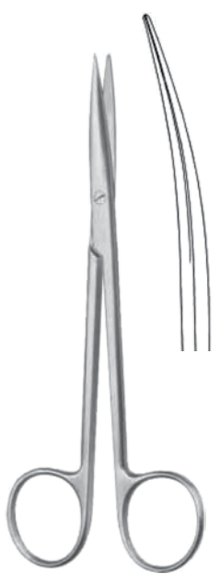
	Straight	Curved
19.5 cm/7¾″	**GS184.19A**	**GS185.19A**
21.5 cm/8½″	**GS184.21A**	**GS185.21A**



MAYO-HARRINGTON

	Straight	Curved
23 cm/9″	**GS174.22**	**GS175.22**
28 cm/11″		**GS175.30**

One toothed cutting edge



METZENBAUM

	Straight	Curved
14.5 cm/5¾″	**GS298.14**	**GS299.14**



METZENBAUM

14.5 cm/5¾"	Straight	Curved
Sharp/Blunt	**GS252.14**	**GS257.14**
Blunt/Blunt	**GS250.14**	**GS255.14**
Sharp/Sharp	**GS254.14**	**GS259.14**
16 cm/6¼"	Straight	Curved
Blunt/Blunt	**GS280.16**	**GS285.16**

TC Edge



METZENBAUM

	Straight	Curved
14.5 cm/5¾"	**GS938.14**	**GS939.14**
SuperCut	**GS658.14**	**GS659.14**



METZENBAUM

		Straight	Curved
	11.5 cm/4½"	**GS248.11**	**GS249.11**
TC Edge	11.5 cm/4½"	**GS936.11**	**GS937.11**
SuperCut	11.5 cm/4½"	**GS658.11**	**GS659.11**

fineCut

fineCut



V1

GS1000.05 14.5 cm | **GS1000.06** 18 cm | **GS1000.07** 20 cm | **GS1000.06F** 18 cm | **GS1000.07F** 20 cm

METZENBAUM



V1

GS1000.06M **GS1000.06L**

MAYO-LEXER
16.5 cm



METZENBAUM

	Straight	Curved
18.0 cm/7″	**GS280.18**	**GS285.18**
20.5 cm/8″	**GS280.20**	**GS285.20**
23 cm/9″	**GS280.23**	**GS285.23**
26.0 cm/10¼″	**GS280.26**	**GS285.26**
28.5 cm/11¼″	**GS280.28**	**GS285.28**
31.0 cm/30½″	**GS280.31**	**GS285.31**

TC Edge



METZENBAUM

	Straight	Curved
18.0 cm/7″	**GS942.18**	**GS943.18**
20.5 cm/8″	**GS942.20**	**GS943.20**
23 cm/9″	**GS942.23**	**GS943.23**
26.0 cm/10¼″	**GS942.26**	**GS943.26**
28.5 cm/11¼″	**GS942.28**	**GS943.28**
31.0 cm/30½″	**GS942.31**	**GS943.31**

SuperCut



METZENBAUM

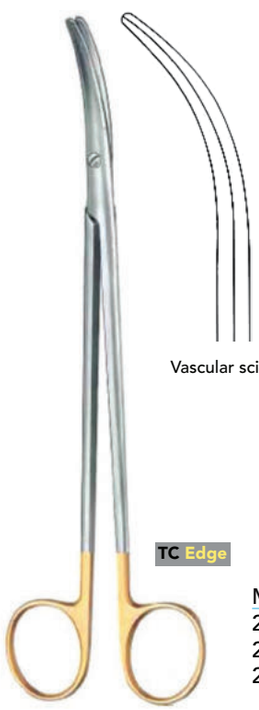
	Straight	Curved
18.0 cm/7″	**GS660.18**	**GS661.18**
20.5 cm/8″	**GS660.20**	**GS661.20**
23 cm/9″	**GS660.23**	**GS661.23**
26.0 cm/10¼″	**GS660.26**	**GS661.26**
28.5 cm/11¼″	**GS660.28**	**GS661.28**
31.0 cm/30½″	**GS660.31**	**GS661.31**

Ligature scissors



METZENBAUM

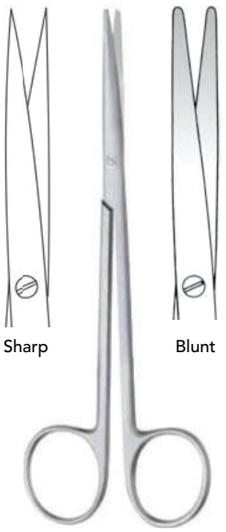
11.5 cm/4½″	**GS914.11**
14.5 cm/5¾″	**GS914.14**
18.0 cm/7″	**GS914.18**
20.5 cm/8″	**GS914.20**
23 cm/9″	**GS914.23**
25.0 cm/9¾″	**GS914.25**
30.0 cm/11¾″	**GS914.30**



METZENBAUM-THOREK

20 cm/8″	**GS945.20**
23 cm/9″	**GS945.23**
28 cm/11″	**GS945.28**

Slender pattern

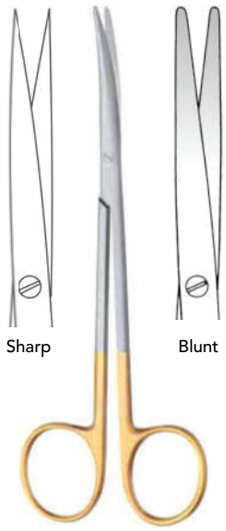


BABY METZENBAUM
14.5 cm/5¾"

	Straight	Curved
Blunt/Blunt	**GS326.14**	**GS327.14**
Sharp/Sharp	**GS328.14**	**GS329.14**

TC Edge

Slender pattern



BABY METZENBAUM
14.5 cm/5¾"

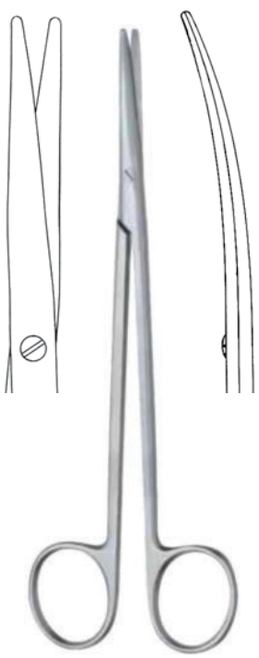
	Straight	Curved
Blunt/Blunt	**GS954.14**	**GS955.14**
Sharp/Sharp	**GS956.14**	**GS957.14**

SuperCut



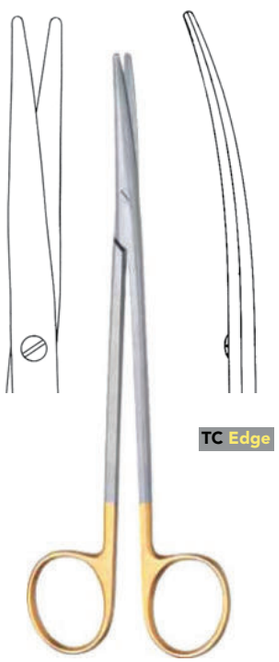
METZENBAUM-FINO

14.5 cm/5¾"	**GS665.14**



NELSON-METZENBAUM

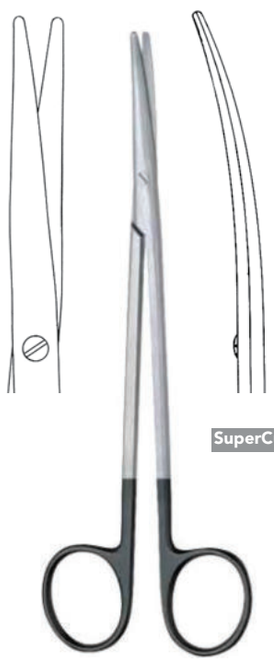
	Straight	Curved
18.0 cm/7"	**GS330.18**	**GS331.18**
20.5 cm/8¼"	**GS330.20**	**GS331.20**
23.0 cm/9"	**GS330.23**	**GS331.23**
26.0 cm/10¼"	**GS330.26**	**GS331.26**
28.5 cm/11¼"	**GS330.28**	**GS331.28**



TC Edge

NELSON-METZENBAUM

	Straight	Curved
18.0 cm/7"	**GS960.18**	**GS961.18**
20.5 cm/8¼"	**GS960.20**	**GS961.20**
23.0 cm/9"	**GS960.23**	**GS961.23**
26.0 cm/10¼"	**GS960.26**	**GS961.26**
28.5 cm/11¼"	**GS960.28**	**GS961.28**



SuperCut

NELSON-METZENBAUM

	Straight	Curved
18.0 cm/7"	**GS664.18**	**GS665.18**
20.5 cm/8¼"	**GS664.20**	**GS665.20**
23.0 cm/9"	**GS664.23**	**GS665.23**
26.0 cm/10¼"	**GS664.26**	**GS665.26**
28.5 cm/11¼"	**GS664.28**	**GS665.28**



METZENBAUM-FINO

18.0 cm/7″	**GS335.18**
20.5 cm/8″	**GS335.20**
23 cm/9″	**GS335.23**

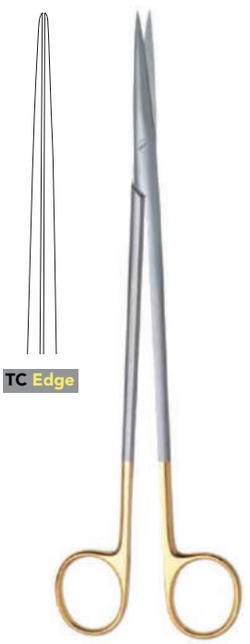
Slender pattern
S-shaped



METZENBAUM-FINO

18.0 cm/7″	**GS967.18**
20.5 cm/8″	**GS967.20**
23 cm/9″	**GS967.23**

Sharp/Sharp



METZENBAUM-FINO

18.0 cm/7″	**GT962.18**
20.0 cm/8″	**GT962.20**
23.0 cm/9″	**GT962.23**

Delicate slender pattern

Blunt/Blunt



METZENBAUM-FINO

20.0 cm/8″	**GT965.20**
23.0 cm/9″	**GT965.23**



METZENBAUM-NELSON

18 cm/7″	**GS284.18**
20.5 cm/8″	**GS284.20**



LEXER
16 cm/6¼"

Straight	Curved
GS310.16	**GS311.16**

TC Edge



LEXER

	Straight	Curved
16 cm/6¼"	**GS950.16**	**GS951.16**
21 cm/8¼"	**GS950.21**	**GS951.21**

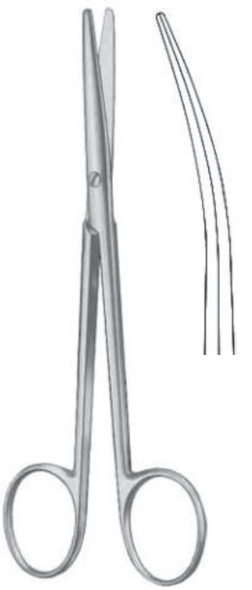
SuperCut



LEXER
16 cm/6¼"

Straight	Curved
GS662.16	**GS663.16**

Slender pattern



LEXER-FINO
16 cm/6¼"

Straight	Curved
GS324.16	**GS325.16**



LEXER-BABY
10 cm/4"

Straight	Curved
GS320.10	**GS321.10**

SuperCut

Blunt



LEXER-BABY
10 cm/4"

Straight	Curved
GS662.10	**GS663.10**



JOSEPH
14.5 cm/5¾"

Straight	Curved
GS350.14	**GS351.14**

TC Edge



JOSEPH
14.5 cm/5¾"

Straight	Curved
GS948.14	**GS949.14**

SuperCut



JOSEPH
14.5 cm/5¾"

Straight	Curved
GS666.14	**GS667.14**



KILNER
12 cm/4¾" **GS359.12**
15 cm/6" **GS359.15**

SuperCut



KILNER
12 cm/4¾" **GS669.12**
15 cm/6" **GS669.15**

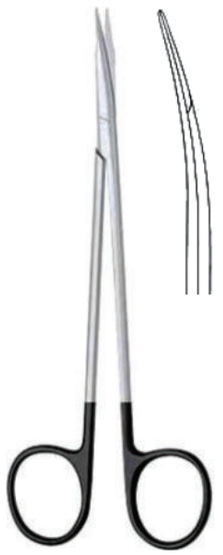


REYNOLDS
15.5 cm/6¼" **GS364.15**



REYNOLDS
15.5 cm/6¼" **GS365.15**
18.0 cm/7¼" **GS365.18**

SuperCut



REYNOLDS
15.5 cm/6¼" **GS671.15**
18.0 cm/7¼" **GS671.18**



REYNOLDS-JAMESON
GS1000.13
14 cm/5½"

TOENNIS-ADSON
GS459.17
17.5 cm/7"

TC Edge



TOENNIS-ADSON
GS965.17
17.5 cm/7"



TOENNIS
18 cm/7"
Straight **GS461.18** Curved **GS462.18**



14.5 cm/5¾"
Straight **GS362.14** Curved **GS363.14**

Dissecting scissors



GS358.13
13 cm/5"

Delicate pattern one cutting edge with knife cut



GS339.12
12.5 cm/5″

GS339.18
18.0 cm/7″

SALYER



11 cm/4¼″

Straight	Curved
GS344.11	**GS345.11**

Vein graft scissors



SHEA
GS357.12
12 cm/4¾″



SANVENERO
14 cm/5½″

Straight	Curved
GS340.14	**GS341.14**

Nerve dissecting scissors



15.5 cm/6¼″

Straight	Curved
GS300.15	**GS301.15**

Dissecting scissors



CINELLI
GS317.11
11.5 cm/4½″



WERTHEIM
GS245.20
12 cm/4¾″



GS420.11
12 cm/4¾″

Vascular scissors



GS421.14
14 cm/5½″



GS422.15
14.5 cm/5¾″



FAVALORO
GS419.90
14.5 cm/5¾"



FAVALORO
GS435.01
18 cm/7"

Dura scissors



SCHMIEDEN-TAYLOR
GS455.17
16.5 cm/6½"
GS455.17S
15 cm/6"



JAMESON
GS367.14
15.5 cm/6¼"

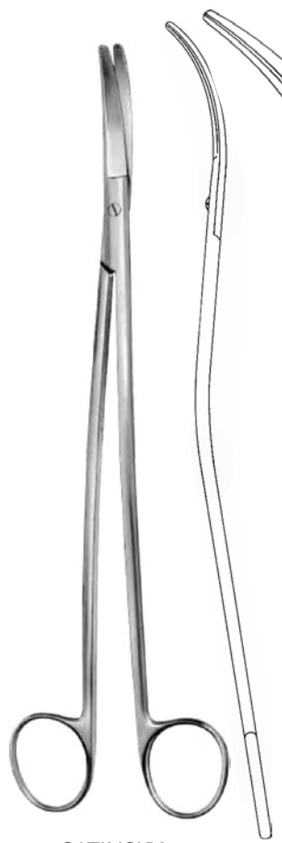
One toothed cutting edge



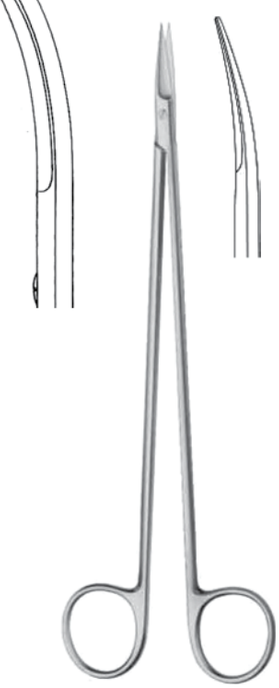
JAMESON
GS1000.10 13.0 cm/5"
GS369.14 15.5 cm/6¼"



THOREK
GS319.19
18.5 cm/7¼"



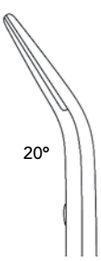
SATINSKY
GS375.24
25.5 cm/10"

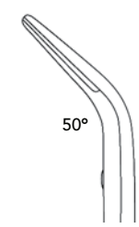


20 cm/8"
Straight **GS374.19** Curved **GS375.19**

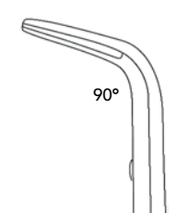


POTTS-DE MARTELL
18 cm/7"





GS886.20 **GS886.50**



GS886.90



BOETTCHER
GS1000.11
18 cm/7″



DEBAKEY

17.5 cm/7″	**GS315.17**	**GS316.18**
20 cm/8″	**GS315.20**	**GS316.20**



HOHENFELLNER

18 cm/7¼″	**GS313.18**	**GS.314.18**
21 cm/8¼″	**GS313.21**	**GS.314.21**
24 cm/9½″	**GS313.24**	**GS.314.24**



LILLEHEI-POTTS
GS882.18
18 cm/7″

Neurosurgical scissors



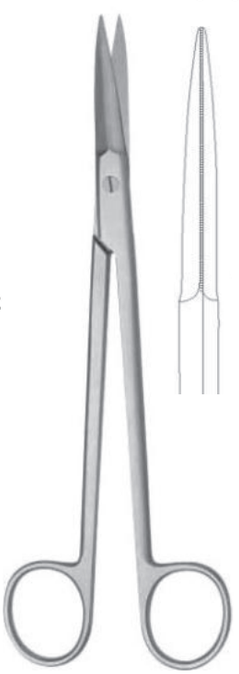
GS445.22

GS446.22



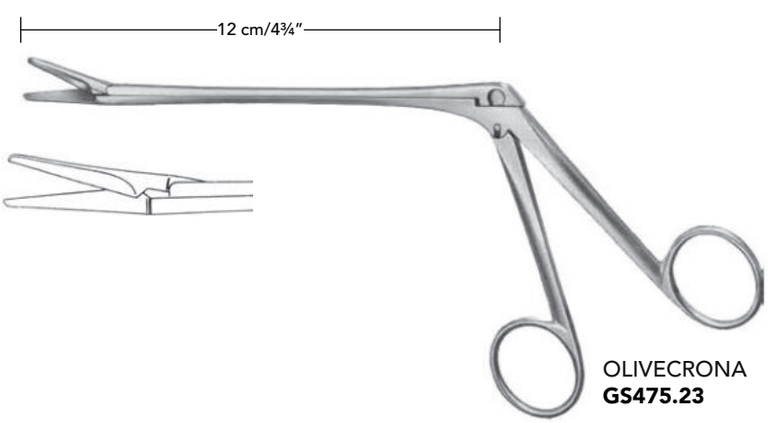
STRULLY
22 cm/8¾″

One serrated cutting edge



MCINDOE
GS480.19
18.5 cm/7¾″

Trigeminal scissors



OLIVECRONA
GS475.23

One cutting edge with knife cut for cleft palate

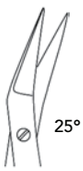


DIETRICH-SALYER
GS379.45
12 cm/4¾"

10 mm



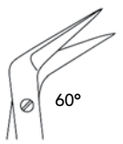
DIETRICH-HEGEMANN
18 cm /7"



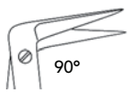
GS380.25



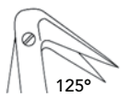
GS380.45



GS380.60



GS380.90

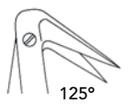


GS381.00

10 mm

with guidance

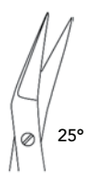




DIETRICH
GS381.01
17.5 cm/7"

10 mm





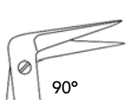
GS427.25



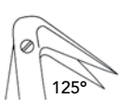
GS427.45



GS427.60



GS427.90

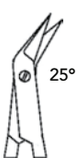


GS428.00

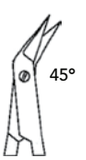
DIETRICH-HEGEMANN
18.5 cm/7½"

7 mm

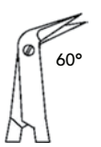




GS382.25



GS382.45

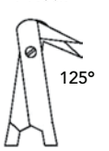


GS382.60



GS382.90

V-Neck

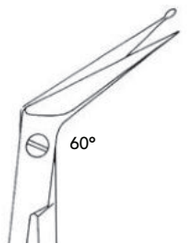


GS383.01

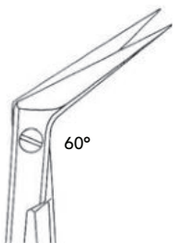
MICRO-HEGEMANN
18.5 cm/7½"



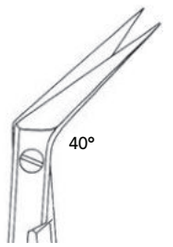
POTTS-SMITH
18.5 cm/7½"



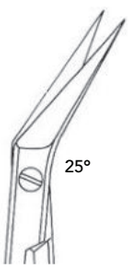
GS391.19



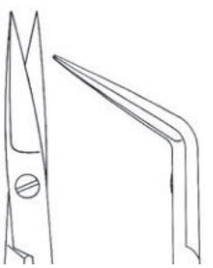
GS393.19



GS394.19



GS395.19

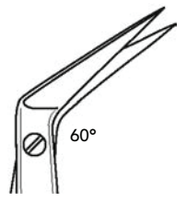


GS397.19

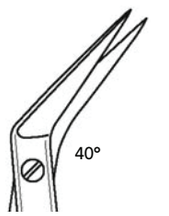
TC Edge



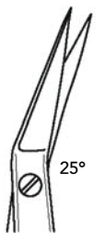
POTTS-SMITH
18.5 cm/7½"



GS396.19



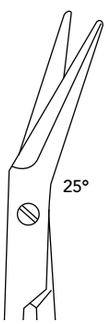
GS398.19



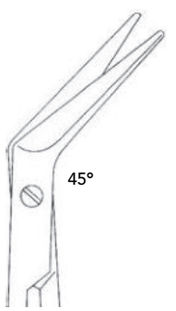
GS399.19



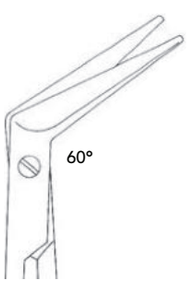
DEBAKEY
16 cm/6¼"



GS390.25



GS390.45



GS390.60

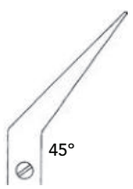
TC Edge



DEBAKEY



GS985.25
19 cm/7½"



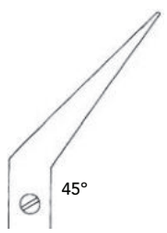
GS985.45
18.5 cm/7¼"



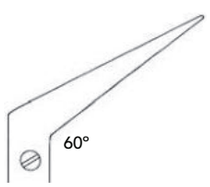
GS985.60
19 cm/7¼"



GS987.25
23 cm/9"



GS987.45
23 cm/9"



GS987.60
22 cm/8¾"

One serrated cutting edge

Nasal Scissors



HEYMANN
GS511.18
18 cm/7″

HEYMANN
GS513.18
18 cm/7″

TC Edge

COTTLE
GS509.16
15.5 cm/6″

COTTLE
GS505.16
16 cm/6¼″

FOMON
GS1000.17
14.5 cm/5¾″

One toothed cutting edge



CONVERSE
10.5 cm/4¼″

Sharp	Blunt
GS519.11	**GS517.11**

GOLDMAN-FOX
13 cm/5¼″

Straight	Curved
GS566.13	**GS567.13**

TC Edge

GOLDMAN-FOX
13 cm/5¼″

Straight	Curved
GS980.13	**GS981.13**

WAGNER
12 cm/4¾″

Straight	Curved
GS570.12	**GS571.12**

12 cm/4¾″

	Straight	Curved
Blunt/Blunt	**GS580.12**	**GS585.12**
Sharp/Blunt	**GS582.12**	**GS587.12**
Sharp/Sharp	**GS584.12**	**GS589.12**

Extra delicate



9 cm/3½"

Straight	Curved
GS618.08	**GS619.08**



GS633.11
11.5 cm/4½"



11.5 cm/4½"

Straight	Curved
GS690.11	**GS691.11**



IRIS
GS635.11
11.5 cm/4½"

TC Edge



IRIS
GS989.11
11.5 cm/4½"



IRIS

	Straight	Curved
9.0 cm/3½"	**GS620.09**	**GS621.09**
10.5 cm/3½"	**GS620.10**	**GS621.10**
11.5 cm/4½"	**GS620.11**	**GS621.11**
12.5 cm/5"	**GS620.12**	**GS621.12**

TC Edge



IRIS
11.5 cm/4½"

Straight	Curved
GS982.11	**GS983.11**

SuperCut



IRIS
11.5 cm/4½"

Straight	Curved
GS672.11	**GS673.11**

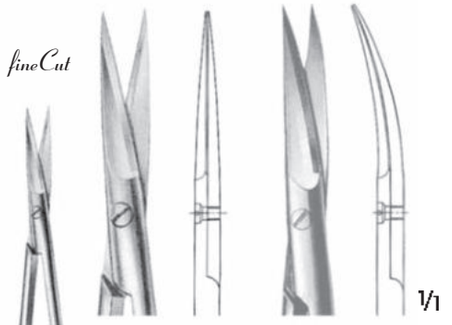
Delicate



11.5 cm/4½"

Straight	Curved
GS640.12	**GS641.12**

fineCut



1/1

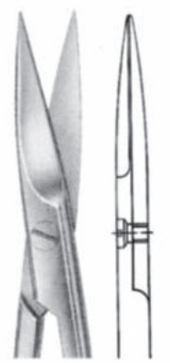
GS1000.08S
Düz/Straight
11 cm/4¼"

GS1000.09S
Eğri/Curved
11 cm/4¼"



½

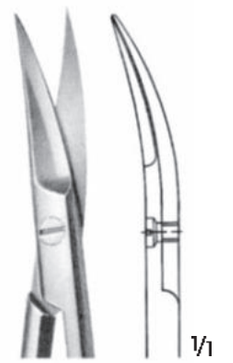
fineCut





½

GS1000.08
Düz/Straight
12 cm/4¾"



1/1

GS1000.09
Eğri/Curved
12 cm/4¾"





GRAEFE
GS637.10
10 cm/4″

S-shape one toothed cutting edge



LA GRANGE
GS593.11
11.5 cm/4½″

Extra flat blades



GS622.10
10.5 cm/4¼″

Enucleation scissors



GS705.11
11.5 cm/4½″

Sharp/Sharp



STEVENS
11 cm/4¼″

Straight	Curved
GS680.11	**GS681.11**

SuperCut

Sharp



STEVENS
11 cm/4¼″

Straight	Curved
GS674.11	**GS675.11**

Blunt/Blunt



STEVENS
11 cm/4¼″

Straight	Curved
GS682.11	**GS683.11**

SuperCut

Blunt/Blunt



STEVENS
11 cm/4¼″

Straight	Curved
GS676.11	**GS677.11**

TC Edge



SIMS

	Straight	Curved
20 cm/8″	**GS200.20**	**GS203.20**
23 cm/9″	**GS200.23**	**GS203.23**



SIMS

	Straight	Curved
20 cm/8″	**GS976.20**	**GS977.20**
23 cm/9″	**GS976.23**	**GS977.23**



SIMS-SIEBOLD
GS232.24
24 cm/9¾″



SIMS-SIEBOLD
GS233.24
24 cm/9¾″



WERTHEIM

	Curved
20 cm/8″	**GS235.20**
23 cm/9″	**GS235.23**
23 cm/9″	**GS235.23TC**



DOYEN
18 cm/7¼″

Straight	Curved
GS230.17	**GS231.17**

One serrated cutting edge



WALDMANN
GS531.18
18 cm/7″



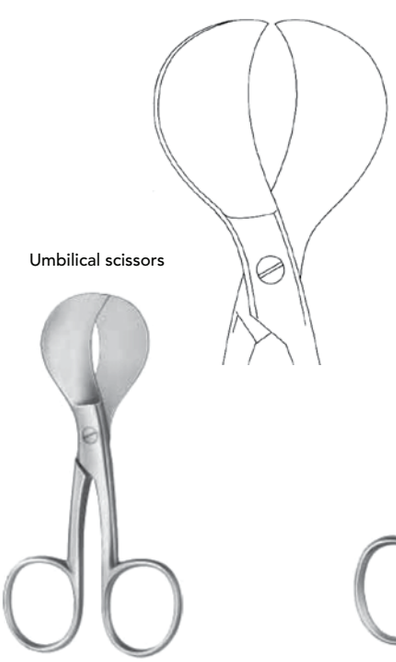
BRAUN-STADLER
GS535.14
14.5 cm/5¾″



BRAUN-STADLER
GS537.22
20 cm



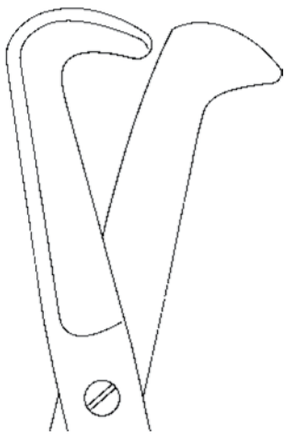
Umbilical scissors



Mod.USA
GS545.10
10.5 cm/4¼"



SCHUMACHER
GS547.16
15.5 cm/6"





BUSCH
GS551.16
16 cm/6¼"

One toothed cutting edge



BUSCH
GS553.16
16 cm/6¼"

Stitch scissors



SPENCER
GS824.09
9 cm/3½"



SPENCER
GS826.13
13 cm/5"



LITTAUER
GS834.14
14 cm/5½"

Dissecting scissors



FOMON
GS317.14
14.5 cm/5¾"

TC Edge



RAGNELL
GS991.12
12.5 cm/5"



FRAZIER
NU1000.66
17 cm

Rectal scissors



GS785.32
32.5 cm/13″

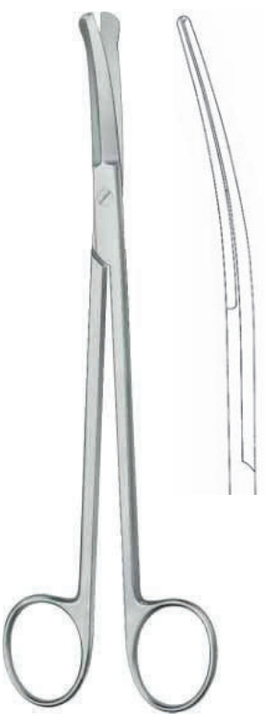


GS782.21
21.5 cm/8½″

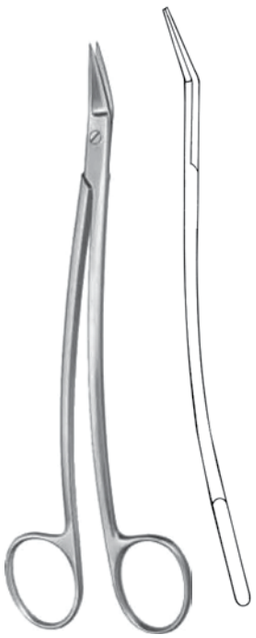


GS784.21
21.5 cm/8½″

Tonsil scissors



GOOD
GS499.19
19.5 cm/7¾″



DEAN
GS495.17
17.5 cm/7"

TC Edge



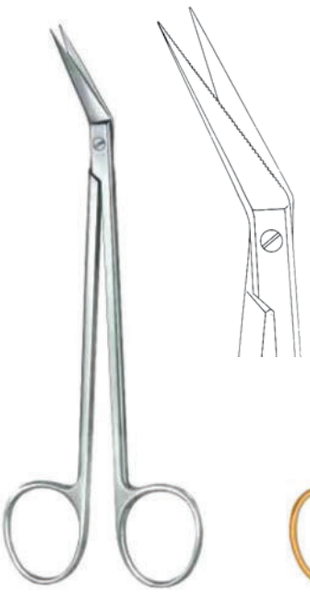
DEAN
GS994.17
17.5 cm/7"

One toothed cutting edge



DEAN
GS497.17
17.5 cm/7"

One toothed cutting edge



LOCKLIN
16 cm/5¼"
GS605.16

One toothed cutting edge

TC Edge



LOCKLIN
16 cm/5¼"
GS999.16

GS607.16
GS997.16

Wire cutting scissors



HARVEY
GS1000.12
12.5 cm/5"

Wire cutting scissors



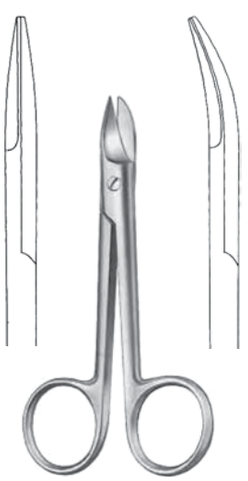
UNIVERSAL
GS865.12
12 cm/4¾"

TC Edge



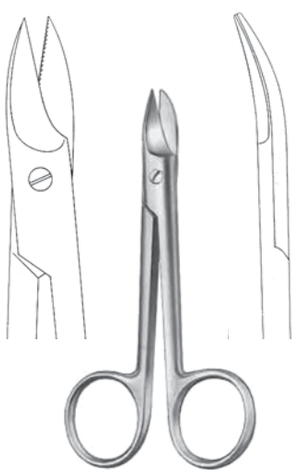
UNIVERSAL
GS995.12
12 cm/4¾"

Wire cutting scissors



BEEBEE
10 cm/4"
Straight **GS874.10** Curved **GS875.10**

One toothed cutting edge



BEEBEE
12 cm/4¾"
Straight **GS878.12** Curved **GS879.12**

for Cleft palate



SALYER
GS784.09
9.5 cm/3¾"

for Cleft palate



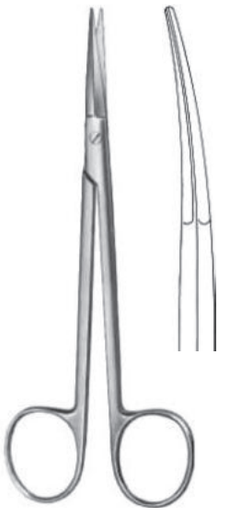
SALYER
GS801.10
10 cm/3¾"

Both cutting edges serrated



KAYE
GS809.11
11 cm/4¼"

Sharp



PECK-JOSEPH
14.5 cm/5¾"

Straight	Curved
GS352.14	**GS353.14**

Blunt



PECK-JOSEPH
14.5 cm/5¾"

Straight	Curved
GS354.14	**GS355.14**

Toothed cutting edge



GORNEY

	Straight	Curved
12.5 cm/5"	**GS306.12**	
19.5 cm/7¾"	**GS306.19**	**GS307.19**
17 cm/6¾"	**GS308.17**	

TC Edge

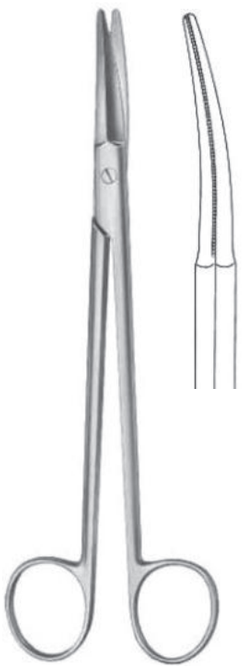
Toothed cutting edge



GORNEY

20 cm/8"	**GS970.19**
23 cm/9"	**GS970.23**

Toothed cutting edge



KAYE
GS305.00
18.5 cm/7½"

TC Edge

Toothed cutting edge



REES

17 cm/7"	**FL241.17**

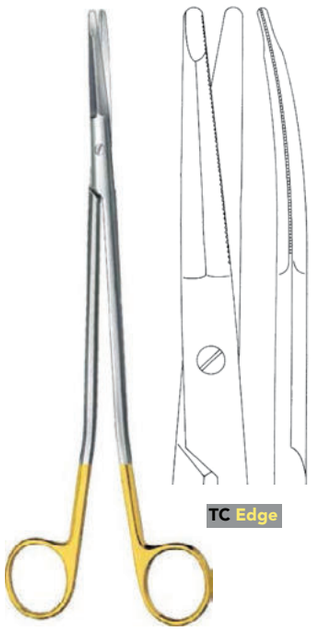
Toothed cutting edge



GORNEY

		TC	SuperCut
18 cm/7″	Straight	**FL110.18**	**FL120.18**
18 cm/7″	Curved	**FL111.18**	**FL121.18**
23 cm/9″	Straight	**FL110.23**	**FL120.23**
23 cm/9″	Curved	**FL111.23**	**FL121.23**

Toothed cutting edge



FREEMAN-GORNEY

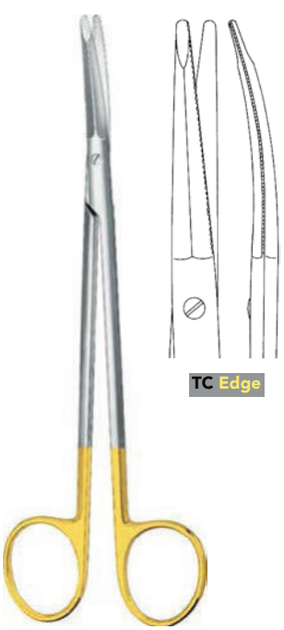
	TC	SuperCut
Straight	**FL130.18**	**FL140.18**
Curved	**FL131.18**	**FL141.18**
Straight	**FL130.23**	**FL140.23**
Curved	**FL131.23**	**FL141.23**

Toothed cutting edge



GREGORY
FL501.14
14.5 cm/5¾″

Toothed cutting edge



KAYE

	TC	SuperCut
15 cm/6″	**FL211.15**	**FL221.15**
18 cm/7″	**FL211.18**	**FL221.18**
23 cm/9″	**FL211.23**	**FL221.23**

Toothed cutting edge



FREEMAN-KAYE
FL171.18
18 cm/7″

Toothed cutting edge



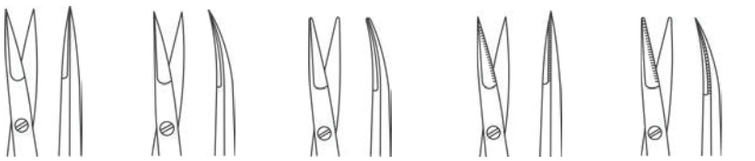
STELLA-S
FL505.18
18 cm/7″



Streamlined

10 mm

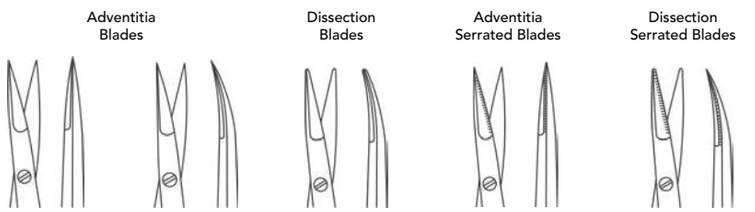




15 cm/6"	**MS712.15**	**MS713.15**	**MS713.19**	**MS712.19**	**MS713.20**
18 cm/7"	**MS712.18**	**MS713.18**			
21 cm/8¼"	**MS712.21**	**MS713.21**			
23 cm/9"	**MS712.23**	**MS713.23**			

10 mm





15 cm/6"	**MS710.15**	**MS711.15**	**MS711.19**	**MS710.19**	**MS711.20**
18 cm/7"	**MS710.18**	**MS711.18**			
21 cm/8¼"	**MS710.21**	**MS711.21**			
23 cm/9"	**MS710.23**	**MS711.23**			





	25°	45°	60°	90°	125°
16.5 cm/6"	MS394.25	MS394.45	MS394.60	MS394.90	MS395.00
Ball-Pt Topuzlu	MS396.25	MS396.45	MS396.60	MS396.90	MS397.00



	25°	45°	60°	90°	125°
16.5 cm/6"	MS390.25	MS390.45	MS390.60	MS390.90	MS391.00
18 cm/7"	MS400.25	MS400.45	MS400.60	MS400.90	MS401.00
21 cm/8¼"	MS384.25	MS384.45	MS384.60	MS384.90	MS385.00
23 cm/9"	MS398.25	MS398.45	MS398.60	MS398.90	MS399.00



	25°	45°	60°	90°	125°
16.5 cm/6"	MS391.25	MS391.45	MS391.60	MS391.90	MS392.00
18 cm/7"	MS402.25	MS402.45	MS402.60	MS402.90	MS403.00





	25°	45°	60°	90°	125°
16.5 cm/6"	MS395.25	MS395.45	MS395.60	MS395.90	MS396.00
Ball-Pt Topuzlu	MS397.25	MS397.45	MS397.60	MS397.90	MS398.00



	25°	45°	60°	90°	125°
16.5 cm/6"	MS392.25	MS392.45	MS392.60	MS392.90	MS393.00
18 cm/7"	MS412.25	MS412.45	MS412.60	MS412.90	MS413.00
21 cm/8¼"	MS436.25	MS436.45	MS436.60	MS436.90	MS437.00
23 cm/9"	MS438.25	MS438.45	MS438.60	MS438.90	MS439.00

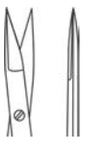
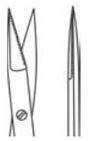


	25°	45°	60°	90°	125°
16.5 cm/6"	MS393.25	MS393.45	MS393.60	MS393.90	MS394.00
18 cm/7"	MS414.25	MS414.45	MS414.60	MS414.90	MS415.00



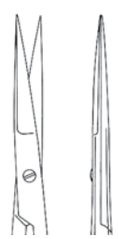
15 cm/6"

9 mm

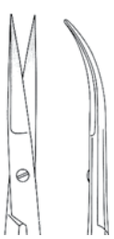
Adventitia Blades	Dissection Blades	Adventitia Serrated Blades	Dissection Serrated Blades
			
MS700.00	**MS701.00**	**MS700.01**	**MS701.01**

14 mm

			
MS700.04	**MS701.04**	**MS700.05**	**MS701.05**



MS740.11



MS741.11



WESTCOTT
11.5 cm/4½"



MS756.12



12 cm/4¾"



MS757.12



10 cm/4"



MS760.09



10 cm/4"

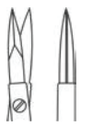


MS761.09

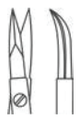




MS850.01A



MS850.02A



MS850.03

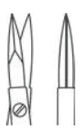
VANNAS
12 cm/4¾"

Vein scissors

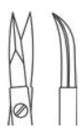


BIEMER
GS758.12
12 cm/4¾"





MS850.04A



MS850.05

VANNAS
16 cm/6¼"





MS850.10A



MS850.11

MILLESI
16 cm/6¼"





MS850.15A

JACOBSON
18.5 cm/7¼"



YASARGIL

		Curved upwards	Curved downwards
Adventitia Blades			
16 cm/6¼"	**MS850.16**	**MS851.16**	
20 cm/8"	**MS850.20A**	**MS851.20**	**MS853.20**
22.5 cm/9"	**MS850.22**	**MS851.22**	
24 cm		**MS850.24**	

		Curved upwards
Dissection Blades		
20 cm/8"	**MS854.20A**	**MS855.20A**
22.5 cm/9"	**MS854.22**	**MS855.22A**

inside ed

GT FORCEPS

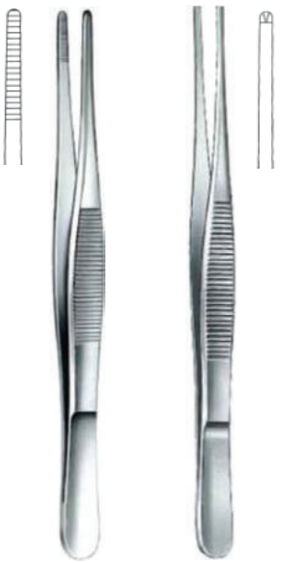


Standard pattern 1:2



10.5 cm/4¼"	**GT100.10**	**GT301.10**
12.0 cm/4¾"	**GT100.11**	**GT301.11**
13.0 cm/5"	**GT100.13**	**GT301.13**
14.5 cm/5¾"	**GT100.14**	**GT301.14**
16.0 cm/6¼"	**GT100.16**	**GT301.16**
18.0 cm/7"	**GT100.18**	**GT301.18**
20.0 cm/8"	**GT100.20**	**GT301.20**
23.0 cm/9"	**GT100.23**	**GT301.23**
25.0 cm/9¾"	**GT100.25**	**GT301.25**
30.5 cm/12"	**GT100.30**	**GT301.30**

Medium pattern 1:2



10.5 cm/4¼"	**GT120.10**	**GT312.10**
12.0 cm/4¾"	**GT120.12**	**GT312.12**
13.0 cm/5"	**GT120.13**	**GT312.13**
14.5 cm/5¾"	**GT120.14**	**GT312.14**
16.0 cm/6¼"	**GT120.16**	**GT312.16**
18.0 cm/7"	**GT120.18**	**GT312.18**
20.0 cm/8"	**GT120.20**	**GT312.20**
23.0 cm/9"	**GT120.23**	**GT312.23**
25.0 cm/9¾"	**GT120.25**	**GT312.25**
30.5 cm/12"	**GT120.30**	**GT312.30**

1:2



USA

10.5 cm/4¼"	**GT104.10**	**GT306.10**
12.0 cm/4¾"	**GT104.12**	**GT306.12**
13.0 cm/5"	**GT104.13**	**GT306.13**
14.5 cm/5¾"	**GT104.14**	**GT306.14**
16.0 cm/6¼"	**GT104.16**	**GT306.16**
18.0 cm/7"	**GT104.18**	**GT306.18**
20.0 cm/8"	**GT104.20**	**GT306.20**
23.0 cm/9"	**GT104.23**	**GT306.23**
25.0 cm/9¾"	**GT104.25**	**GT306.25**
30.5 cm/12"	**GT104.30**	**GT306.30**

2:3



12.0 cm/4¾"	**GT302.11**
13.0 cm/5¼"	**GT302.13**
14.5 cm/5¾"	**GT302.14**
16.0 cm/6¼"	**GT302.16**
17.0 cm/6¾"	**GT302.17**
18.0 cm/7¼"	**GT302.18**
20.5 cm/8¼"	**GT302.20**
25.0 cm/10"	**GT302.25**

3:4 4:5



14.5 cm/5¾"	**GT303.14**	**GT304.14**
16.0 cm/6¼"	**GT303.16**	**GT304.16**
20.5 cm/8¼"	**GT303.20**	

Slim pattern 1:2



13.0 cm/5"	**GT126.13**	**GT326.13**
14.5 cm5¾"	**GT126.14**	**GT326.14**

1:2



GT122.13	**GT323.15**
13 cm/5"	14.5 cm/5¾"





STILLE
15 cm **GT130.07**
17 cm **GT130.07L**



OCHSNER
GT1000.03
14,5 cm



ADSON
GT1000.07
18 cm



STILLE
15 cm/6″
1:2 **GT331.15**
3:4 **GT332.15**



GT132.19
18.5 cm/7¼″



BROPHY
GT133.20
20 cm/8″



BROPHY
GT373.20
20 cm/8″

GT134.20
20 cm/8″



MCINDOE
GT170.15
15 cm/6″



MCINDOE
GT238.15
15 cm/6″



WAUGH
GT171.20
20 cm/8″



WAUGH
20.0 cm/8″ **GT371.13**
25.0 cm/10″ **GT371.14**



BONNEY
GT131.17
17 cm/6¾″



BONNEY
GT451.18
17.5 cm/7″

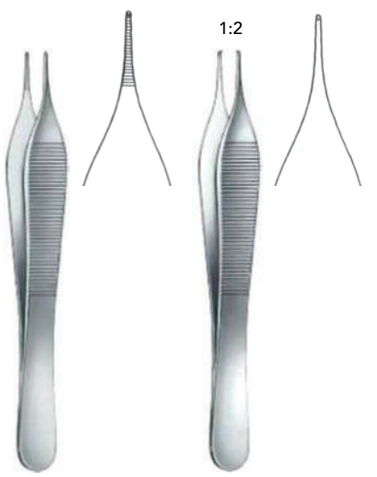


BONNEY
GT230.17
17.5 cm/7″



ADSON

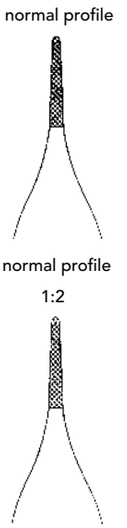
12 cm/4¾"	**GT168.12**	**GT368.12**
15 cm/6"	**GT168.15**	**GT368.15**



MICRO-ADSON

12 cm/4¾"	**GT404.12**	**GT406.12**
15 cm/6"	**GT404.15**	**GT406.15**





ADSON

Serrated	1 x 2
GT250.12	**GT252.12**
GT250.15	**GT252.15**



ADSON



GT246.12
12 cm/4¾"

GT246.15
15 cm/6"

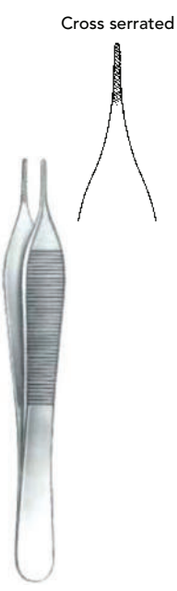


GT400.12B

ADSON-BROWN
GT400.12
12.0 cm/4¾"



ADSON-BROWN
GT244.12
12 cm/4¾"



MINI-ADSON
GT166.12
12 cm/4¾"



MINI-ADSON
GT402.12
12 cm/4¾"



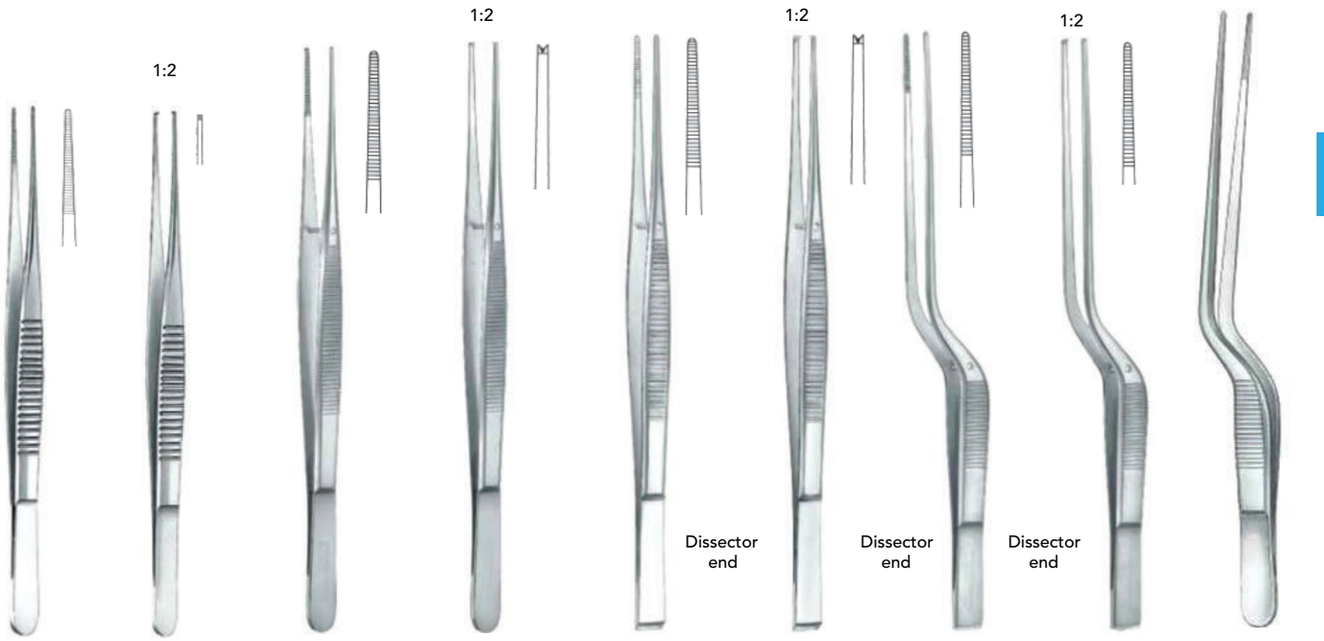
MINI-ADSON
GT403.12
12 cm/4¾"





ADSON (Blepharoplasty)

13 cm/5"	**GT248.13**	**GT249.13**



Tip	15 cm/6¼"		TAYLOR	TAYLOR	TAYLOR	TAYLOR	TAYLOR	TAYLOR	CUSHING
0.6 mm	**GT184.06**	**GT384.06**	**GT174.17**	**GT374.17**	**GT180.17**	**GT380.17**	**GT183.17**	**GT383.17**	**GT1000.08**
0.8 mm	**GT184.08**	**GT384.08**	17 cm/6¾"	17 cm/6¾"	17.5 cm/7"	17.5 cm/7"	18.5 cm/7¼"	18.5 cm/7¼"	20.0 cm/8"
1.0 mm	**GT184.10**	**GT384.10**							



	SEMKEN		SEMKEN	GILLIES	GILLIES	GERALD	GERALD
12.5 cm/5"	**GT172.12**	**GT372.12**		**GT370.15**	**GT236.15**	**GT184.18**	**GT234.17**
15.0 cm/6"	**GT172.15**	**GT372.15**		15.5 cm/6¼"	15.5 cm/6¼"	17.5 cm/7"	17.5 cm/7"



GT186.18
17.5 cm/7″

GT187.18
17 cm/6¾″

GERALD

1:2

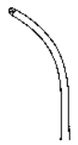




GT386.17
17.5 cm/7″



GT386.23
23 cm/9″



GT387.17
17 cm/6¾″

GERALD

15 cm	**GT1000.06**
20 cm	**GT1000.06L**



1:2



CUSHING
GT388.17
18.0 cm/7″



CUSHING
GT1000.09
18.0 cm/7″

TC Tip



normal profile

CUSHING
GT254.17
17.5 cm/7″

TC Tip



normal profile

CUSHING
GT255.18
17 cm/6¾″

TC Tip

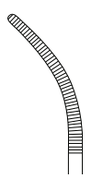


normal profile

CUSHING-TAYLOR
GT256.18
18.5 cm/7¼″



GT188.17



GT189.17

CUSHING
17 cm/6¾″



POTTS-SMITH

18 cm/7″	**GT192.18**
21 cm/8¼″	**GT192.21**
25 cm/10″	**GT192.25**
30 cm/12″	**GT192.30**

1:2



POTTS-SMITH

18.0 cm/7″	**GT392.18**
21.0 cm/8¼″	**GT392.21**
23.0 cm/9″	**GT392.25**
30.0 cm/10″	**GT392.30**

TC Tip



normal profile

POTTS-SMITH

14.5 cm/5¾″	**GT258.14**
15.5 cm/6¼″	**GT258.15**
18.5 cm/7¼″	**GT258.18**
20.0 cm/8″	**GT258.20**
23.0 cm/9″	**GT258.23**
25 cm/10″	**GT258.25**

TC Tip

1:2



normal profile

OEHLER

14.5 cm/5¾″	**GT260.14**
16.0 cm/6¼″	**GT260.16**
18.0 cm/7¼″	**GT260.18**
20.0 cm/8″	**GT260.20**
25.0 cm/10″	**GT260.25**



TC Tip



WANGENSTEEN

15.0 cm/6″	**GT266.15**
23.0 cm/9″	**GT266.23**



ADLERKREUTZ

	2:3	4:5
15.5 cm/6¼″	**GT366.15**	
20.5 cm/8¼″	**GT366.20**	
15.5 cm/6¼″		**GT367.15**
20.0 cm/8″		**GT367.20**
25.0 cm/9″		**GT367.25**



DURANTE

14.5 cm/5¾″	**GT426.14**
16.0 cm/6¼″	**GT426.16**
20.0 cm/8″	**GT426.20**
25.5 cm/10″	**GT426.25**



MAYO
GT456.23
23.0 cm/9″



NELSON
GT466.23
23 cm/9″



RESANO
GT467.23
23 cm/9″



RUSS. MODELL

15.0 cm/6″	**GT420.15**
20.0 cm/8″	**GT420.20**
25.5 cm/10″	**GT420.25**



STILLE BARRAYA

18 cm/7″	**GT444.18**
26 cm/10¼″	**GT444.26**

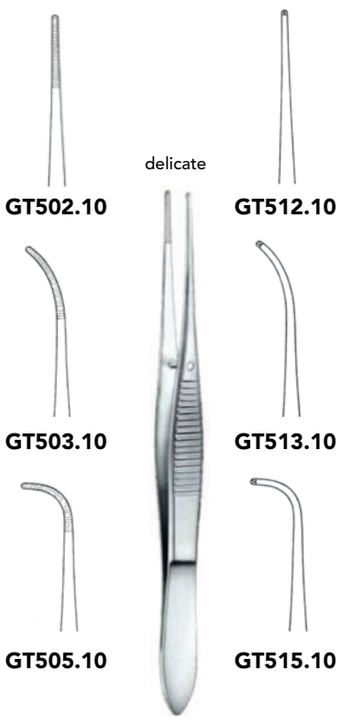


SINGLEY-TUTTLE

18 cm/7″	**GT460.18**
23 cm/9″	**GT460.23**



HEPP-SCHEIDEL
GT468.18
18 cm/7″



GT502.10
GT512.10
GT503.10
GT513.10
GT505.10
GT515.10

10 cm/4″



GT410.12
12 cm/4¾"
Fig. 3



GT412.11
12 cm/4¾"
Fig. 3C



GT416.11
11.0 cm/4¼"
Fig. 4



GT414.11
11.0 cm/4¼"
Fig. 5



GT418.11
11.0 cm/4¼"



GT409.12
12 cm/4¾"
Fig. 7

Micro tying forceps
smooth jaw



GT616.16
15.5 cm/6"

smooth jaw



GT600.12

GT601.12

12.5 cm/5"

Serrated jaw



9.0 cm/3½" **GT604.09**
10.5 cm/4¼" **GT604.11**
12.5 cm/5" **GT604.12**

Serrated jaw



9.0 cm/3½" **GT605.09**
12.5 cm/5" **GT605.12**



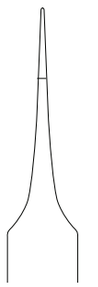
LAZAR
15.5 cm/6"

0.5 mm



GT618.16

0.8 mm



GT619.16



LAZAR
GT618.16L
18.5 cm



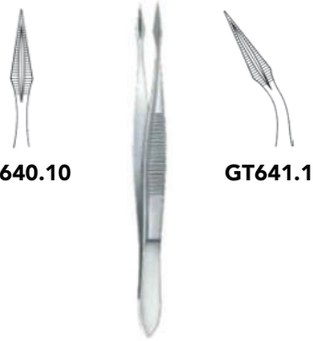
GT624.12
12 cm/4¾"



AUSTIN
GT626.14
14 cm/5½"



FEILCHENFELD
7.5 cm/3" **GT630.07**
9.0 cm/3½" **GT630.09**
11.5 cm/4½" **GT630.11**



GT640.10 **GT641.11**

HUNTER
10.5 cm/4¼"



GT655.10
10 cm/4"



GT656.10
10 cm/4"



SHAAF
GT661.09
9.5 cm/3¾"

Microscopic forceps super light, blunt



GT657.10
10 cm/4"

Microscopic forceps super light, sharp



GT659.10
10 cm/4"



BEER
GT680.09
9 cm/3¾"

Cilia forceps



DOUGLAS
GT676.09
9 cm/3¾"



BARRAQUER
GT695.10
11 cm/4¼"



GT725.11

PEET
12.5 cm/5"



GT720.10 **GT712.13**

STIEGLITZ
13.5 cm/5¼"



GT741.15
15 cm/6"

GT740.15
14 cm/5½"

RALK

Thumb & Tissue Forceps

Micro Forceps

Jaws
Diamond Dusted





	Ø 0.40 mm	Ø 0.40 mm	Ø 0.70 mm	Ø 0.70 mm
15 cm/6"	**MT564.15**	**MT565.15**	**MT566.15**	**MT567.15**
18 cm/7"	**MT564.18**	**MT565.18**	**MT566.18**	**MT567.18**
21 cm/8¼"			**MT566.21**	**MT567.21**
23 cm/9"			**MT566.23**	**MT567.23**
25 cm/10"			**MT566.25**	**MT567.25**



	Ø 0.40 mm	Ø 0.40 mm	Ø 0.70 mm	Ø 0.70 mm
15 cm/6"	**MT568.15**	**MT569.15**	**MT570.15**	**MT571.15**
18 cm/7"	**MT568.18**	**MT569.18**	**MT570.18**	**MT571.18**
21 cm/8¼"			**MT570.21**	**MT571.21**
23 cm/9"			**MT570.23**	**MT571.23**

ATRAUMA
DEBAKEY



	Ø 1.0 x 0.5 mm	Ø 1.0 x 0.5 mm	Ø 1.0 x 0.5 mm	Ø 2.0 x 1.0 mm	Ø 2.0 x 1.0 mm	Ø 1.2 mm
18 cm/7"	**MT572.15**	**MT573.00**	**MT773.01**	**MT573.02**	**MT573.03**	**MT.573.04**
21 cm/8¼"	**MT572.20**	**MT573.05**	**MT773.06**	**MT573.07**	**MT573.08**	**MT573.09**
23 cm/9"	**MT572.25**	**MT573.10**	**MT773.11**	**MT573.12**	**MT573.13**	**MT573.14**
25 cm/10"	**MT572.30**	**MT573.15**	**MT773.16**	**MT573.17**	**MT573.18**	**MT573.19**

Counterbalanced



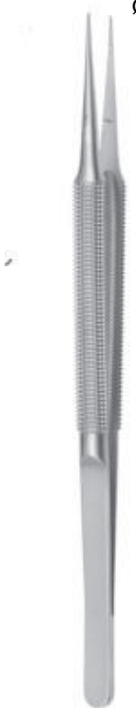
	6.0 x 0.4 mm	6.0 x 0.4 mm	6.0 x 0.7 mm	6.0 x 0.7 mm
18 cm/7"	**MT572.00**	**MT572.01**	**MT572.02**	**MT572.03**
21 cm/8¼"			**MT572.04**	**MT572.05**
23 cm/9"			**MT572.06**	**MT572.07**
25 cm/10"			**MT572.08**	**MT572.09**

ATRAUMA
DEBAKEY



Counterbalanced

	Ø 1.0 x 0.5 mm	Ø 1.0 x 0.5 mm	Ø 1.0 x 0.5 mm	Ø 2.0 x 1.0 mm	Ø 2.0 x 1.0 mm	Ø 1.2 mm
15 cm/6"	**MT574.15**	**MT575.15**	**MT774.15**	**MT576.15**	**MT776.15**	**MT589.15**
18 cm/7"	**MT574.18**	**MT575.18**	**MT774.18**	**MT576.18**	**MT776.18**	**MT589.18**
21 cm/8¼"	**MT574.21**	**MT575.21**	**MT774.21**	**MT576.21**	**MT776.21**	**MT589.21**
23 cm/9"	**MT574.23**	**MT575.23**	**MT774.23**	**MT576.23**	**MT776.23**	**MT589.23**
25 cm/10"	**MT574.25**	**MT575.25**	**MT774.25**	**MT576.25**	**MT776.25**	**MT589.25**



Ø 0.50 mm



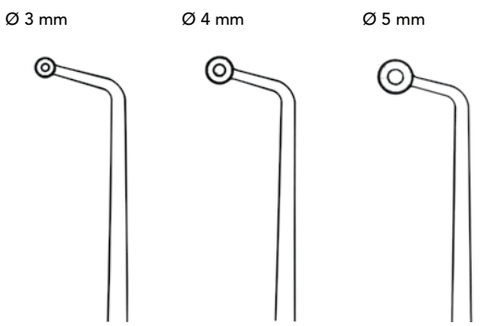
Ø 1,2 mm



MT1000.00	MT1000.01	MT1000.02
15 cm/6"	18 cm/7"	18 cm/7"
	Diamond Dusted	Diamond Dusted

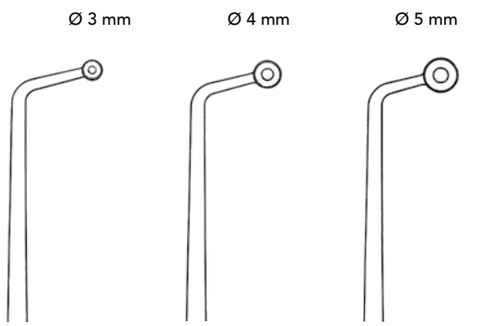


Jaw spoon-shaped



Ø 3 mm | Ø 4 mm | Ø 5 mm

Jaw spoon-shaped

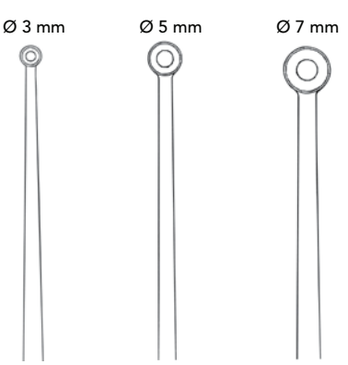


Ø 3 mm | Ø 4 mm | Ø 5 mm

YASARGIL-SAMII

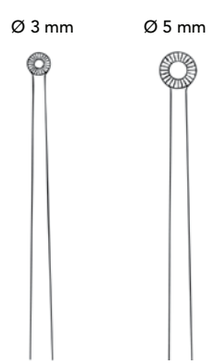
23 cm/9"	**MT852.03**	**MT852.04**	**MT852.05**	**MT853.03**	**MT853.04**	**MT853.05**

Jaw spoon-shaped



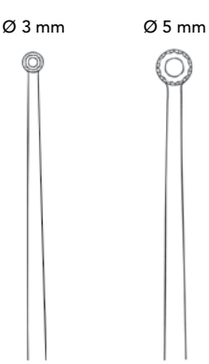
Ø 3 mm | Ø 5 mm | Ø 7 mm

Jaw flat, serrated



Ø 3 mm | Ø 5 mm

Curette jaw, toothed



Ø 3 mm | Ø 5 mm

YASARGIL

22 cm/8¾"	**MT863.22**	**MT865.22**	**MT867.22**
24 cm/9½"	**MT863.24**	**MT865.24**	**MT867.24**

YASARGIL

20 cm/8"	**MT871.20**	**MT872.20**		
22 cm/8¾"	**MT871.22**	**MT872.22**	**MT873.22**	**MT875.22**



YASARGIL

	Ø 0.6 mm	Ø 0.9 mm	1:2
16 cm/6¼"	**MT856.16**	**MT859.16**	
18 cm/7"	**MT856.18**	**MT859.18**	**MT860.18**
20 cm/8"	**MT856.20**	**MT859.20**	
22 cm/8¾"	**MT856.22**	**MT859.22**	
24 cm/9½"	**MT856.24**	**MT859.24**	



HEIFETZ
22 cm/8¾"

Jaw flat, serrated

Ø 3 mm	Ø 5 mm
MT883.22	**MT885.22**



HUNT
20 cm/8"

Jaw flat, serrated

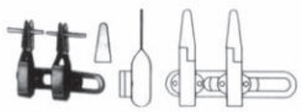
Ø 5 mm	Ø 5 mm
MT890.20	**MT891.20**

insided

GH

HAEMOSTATIC FORCEPS

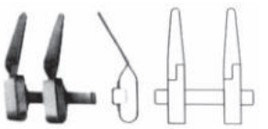




BIEMER-MULLER
GH1000.07
Çene uzunluğu/Lenght of jaws.6 mm
Açıklık/Opening 4 mm
Kapanma kuvveti/Closing force 30-40 gr.



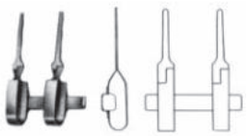
BIEMER-MULLER
GH1000.08
Çene uzunluğu/Lenght of jaws.4.5 mm
Açıklık/Opening 3 mm
Kapanma kuvveti/Closing force 25-30 gr.



BIEMER-MULLER
GH1000.09
Çene uzunluğu/Lenght of jaws.9 mm
Açıklık/Opening 5 mm
Kapanma kuvveti/Closing force 25-30 gr.



BIEMER-MULLER
GH1000.10
Çene uzunluğu/Lenght of jaws.9 mm
Açıklık/Opening 5 mm
Kapanma kuvveti/Closing force 25-30 gr.

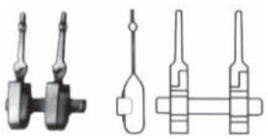


BIEMER-MULLER
GH1000.11
Çene uzunluğu/Lenght of jaws.9 mm
Açıklık/Opening 5 mm
Kapanma kuvveti/Closing force 25-30 gr.



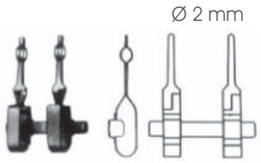
BIEMER-MULLER
GH1000.12
Çene uzunluğu/Lenght of jaws.9 mm
Açıklık/Opening 5 mm
Kapanma kuvveti/Closing force 25-30 gr.

Ø 1 mm



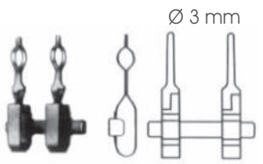
MULLER
GH1000.13
Kapanma kuvveti/Closing force. 25-30 gr.

Ø 2 mm



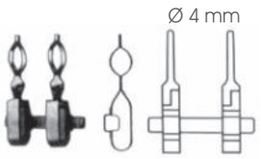
MULLER
GH1000.14
Kapanma kuvveti/Closing force. 25-30 gr.

Ø 3 mm



MULLER
GH1000.15
Kapanma kuvveti/Closing force. 25-30 gr.

Ø 4 mm

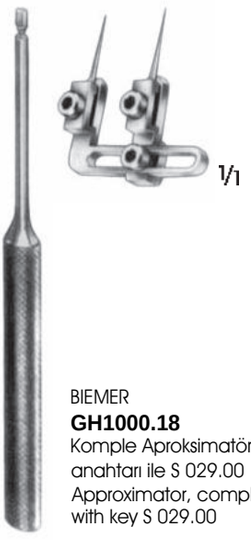


MULLER
GH1000.16
Kapanma kuvveti/Closing force. 25-30 gr.





BIEMER
GH1000.17
Komple Aproksimatör, anahtarı ile S 029.00
Approximator, complete with key S 029.00



BIEMER
GH1000.18
Komple Aproksimatör, anahtarı ile S 029.00
Approximator, complete with key S 029.00



GH1000.19
Approximator

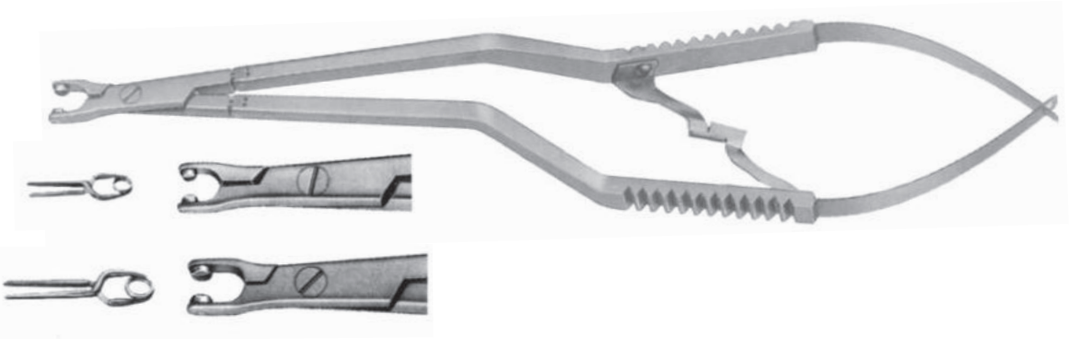


ACLAND
16 mm
GH1000.41
Artery

ACLAND
16 mm
GH1000.42
Artery

ACLAND
11 mm
GH1000.43
Vein

ACLAND
11 mm
GH1000.44
Artery



Mini/Mini
GH1000.23

Standart/Standard
GH1000.24



BIEMER
GH1000.22
Kilitsiz/Without Lock



BIEMER
GH1000.21
Kilitli/With Lock



BIEMER
GH1000.16
14.5 cm



Klipsler çeşitli poz
isyonlarda uygun
Various positions
of clips possible

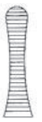
MEHDORN
GH1000.20
Uygulama pensetleri, MEHDORN
damar klipleri
Applying forceps for MEHDORN
vessel clips
15 cm



DIEFFENBACH



GH114.03
3.5 cm/1½"
11 mm



GH114.05
5 cm/2"
15 mm



GH115.03
3.5 cm/1½"
11 mm



GH115.05
5 cm/2"
15 mm



GH110.06
6 cm/2½"
17 mm



GH111.06
6 cm/2½"
17 mm



JOHNS-HOPKINS



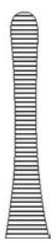
GH115.38
3.8 cm/1½"
12 mm



GH115.55
5.5 cm/2¼"
25 mm



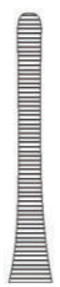
GH115.45
4.5 cm/1¾"
17 mm



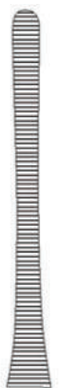
GH115.65
6.5 cm/2½"
30 mm



GH115.70
7 cm/2¾"
35 mm



GH115.75
7.5 cm/3"
40 mm



GH115.90
9 cm/3½"
50 mm



JOHNS-HOPKINS



GH116.38
3.8 cm/1½"
12 mm



GH116.45
4.5 cm/1¾"
17 mm



GH116.55
5.5 cm/2¼"
25 mm



GH116.65
6.5 cm/2½"
30 mm



GH116.70
7 cm/2¾"
35 mm



GH116.75
7.5 cm/3"
40 mm



GH116.90
9 cm/3½"
50 mm





GH120.08
4.5 cm/1¾"
8 mm



GH120.10
5 cm/2"
12 mm



GH120.12
6 cm/2¼"
20 mm

ATRAUMA



DEBAKEY



GH122.10
4.5 cm/1¾"



GH122.14
5 cm/2"



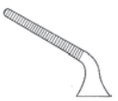
GH122.20
6 cm/2¼"



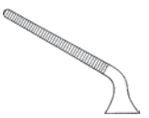
DIETHRICH



GH121.08
4 cm/1½"
8 mm



GH121.10
4.5 cm/1¾"
12 mm



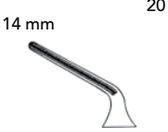
GH121.12
5 cm/2"
20 mm



DIETHRICH



GH123.10
4.5 cm/1¾"



GH123.14
5 cm/2"



GH123.20
6 cm/2¼"



Mini-GLOVER

ATRAUMA

DEBAKEY

	9 mm	13 mm	14 mm	23 mm
	3 cm/1¼"	3.5 cm/1½"	4.0 cm/1½"	5.0 cm/2"
Vena	**GH132.30**	**GH132.35**	**GH132.40**	**GH132.50**
Artria	**GH142.30**	**GH142.35**	**GH142.40**	**GH142.50**

GH132.50T (titanium) Vena



Mini-GLOVER

	9 mm	13 mm	14 mm	23 mm
	3 cm/1¼"	3.5 cm/1½"	4.0 cm/1½"	5.0 cm/2"
Vena	**GH133.30**	**GH133.35**	**GH133.40**	**GH133.50**
Artria	**GH143.30**	**GH143.35**	**GH143.40**	**GH143.50**



Mini-GLOVER

	9 mm	13 mm	14 mm	23 mm
	3 cm/1¼"	3.5 cm/1½"	4.0 cm/1½"	5.0 cm/2"
Vena	**GH135.30**	**GH135.35**	**GH135.40**	**GH135.50**
Artria	**GH145.30**	**GH145.35**	**GH145.40**	**GH145.50**

Applying forceps



Mini-GLOVER
GH131.24
24 cm/9½"

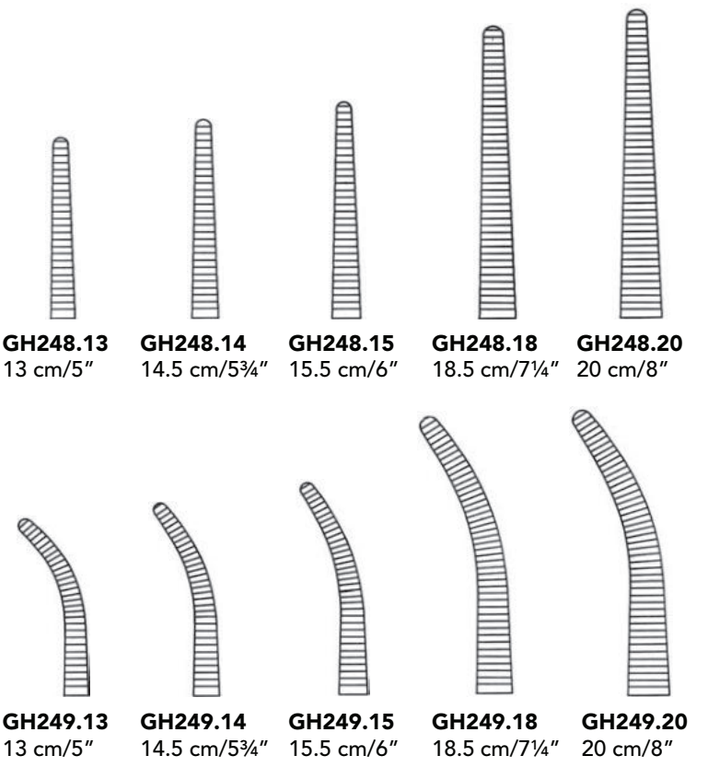


GH176.14
14.5 cm/5¾"

GH176.16
16.0 cm/6¼"

PEAN

SPENCER-WELLS



GH248.13
13 cm/5"

GH248.14
14.5 cm/5¾"

GH248.15
15.5 cm/6"

GH248.18
18.5 cm/7¼"

GH248.20
20 cm/8"

GH249.13
13 cm/5"

GH249.14
14.5 cm/5¾"

GH249.15
15.5 cm/6"

GH249.18
18.5 cm/7¼"

GH249.20
20 cm/8"

Organ grasping forceps

ATRAUMA





GH266.25
25 cm/9¾"



GH266.26
26 cm/10¼"



CHAPUT
GH256.13
12.5 cm/5"

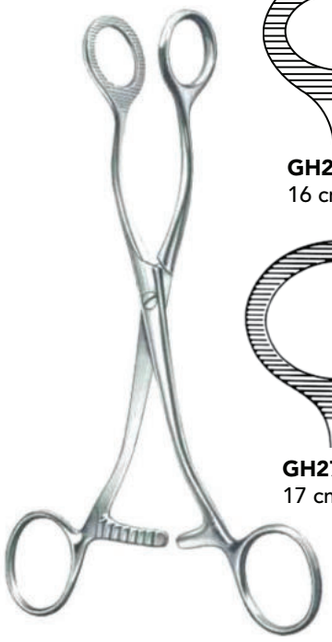


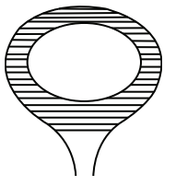
TUFFIER
GH258.13
12.5 cm/5"



COLLIN
GH268.14
14 cm/5½"

Tumor grasping forceps





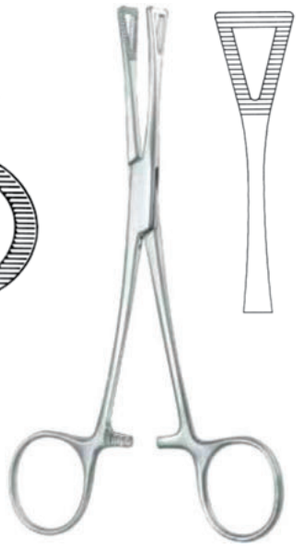
GH278.16
16 cm/6¼"



GH278.17
17 cm/6¾"

COLLIN

Organ grasping forceps



PENNINGTON

15.5 cm/6"	**GH280.15**
21.0 cm/8¼"	**GH280.20**



PRATT
GH282.15
15 cm/6"

Face-lift forceps

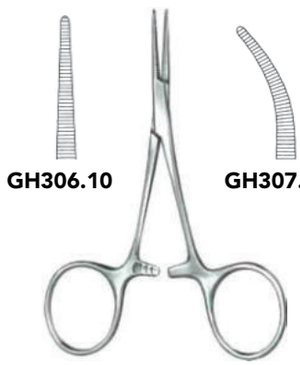


MARTEL-REES
GH290.14
13.5 cm/5¼"

Ligature forceps
smooth jaw



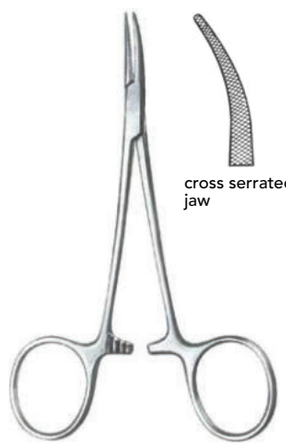
MARTEL
GH302.12
12.5 cm/5"



GH306.10 **GH307.10**

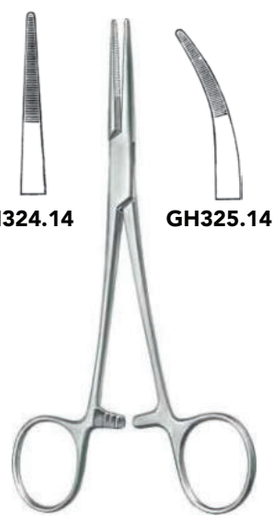
HARTMANN
10 cm/4"

Ligature forceps



cross serrated jaw

GH309.12
12 cm/4¾"



GH324.14 **GH325.14**

PROVIDENCE-HOSPITAL
14 cm/5½"

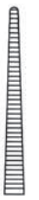


HALSTED-MOSQUITO



GH310.12
12.5 cm/5″

GH311.12
12.5 cm/5″



GH310.14
14.5 cm/5¾″



GH311.14
14.5 cm/5¾″

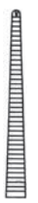
1:2



GH312.12
12.5 cm/5″



GH313.12
12.5 cm/5″



GH312.14
14.5 cm/5¾″



GH313.14
14.5 cm/5¾″



HALSTED-MOSQUITO



GH316.18
18.5 cm/7¼″



GH317.18
18.5 cm/7¼″



GH316.21
21 cm/8¼″



GH317.21
21 cm/8¼″

1:2



GH318.18
18.5 cm/7¼″



GH319.18
18.5 cm/7¼″



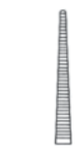
GH318.21
21.0 cm/8¼″



GH319.21
21.0 cm/8¼″



MICRO-MOSQUITO



GH320.10
10 cm/4"



GH321.10
10 cm/4"



GH320.12
12 cm/4¾"



GH321.12
12 cm/4¾"



GH322.10
10 cm/4"



GH323.10
10 cm/4"



GH322.12
12 cm/4¾"



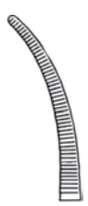
GH323.12
12 cm/4¾"



LERICHE
15.5 cm/6"



GH326.15

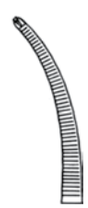


GH327.15



1:2

GH328.15



GH329.15



DUNHILL
GH332.12
12.5 cm/5"



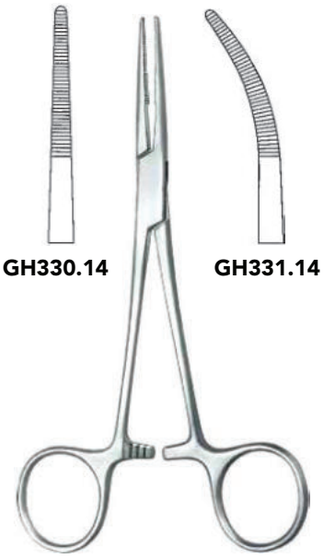
1/1

1/2

FRASER-KELLY
GH1000.38

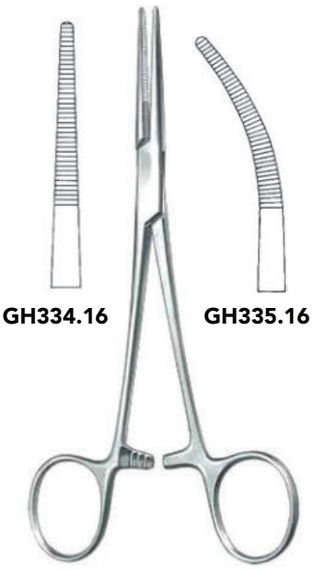


DUNHILL
GH333.19
18.5 cm/7¼"



GH330.14 **GH331.14**

KELLY
14.5 cm/5¾"



GH334.16 **GH335.16**

KELLY-RANKIN
16 cm/6¼"

Cross serrated jaw
1:2



GH348.15 **GH350.15**

LOVELACE
16 cm/6¼"



12.5 cm

GH346.16 **GH347.16** **GH346.16D** **GH347.16D**



GH342.14S **GH343.14S**



GH340.14 **GH341.14**



GH340.14S **GH341.14S**



CRILE
14.5 cm/5¾"

1:2



GH342.14 **GH343.14**



CRILE
16 cm/6¼"



BABY-CRILE
14 cm

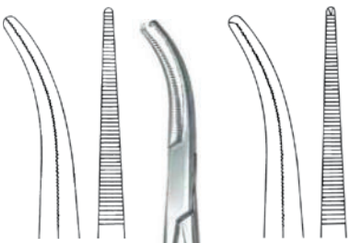


Laterally curved



DANDY-MOSQUITO
GH351.12
12 cm/4¾"

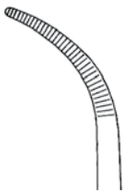
Laterally curved 1:2



GH355.14 **GH357.14**

DANDY
14.5 cm/5¾"

Strongly curved



GH363.18

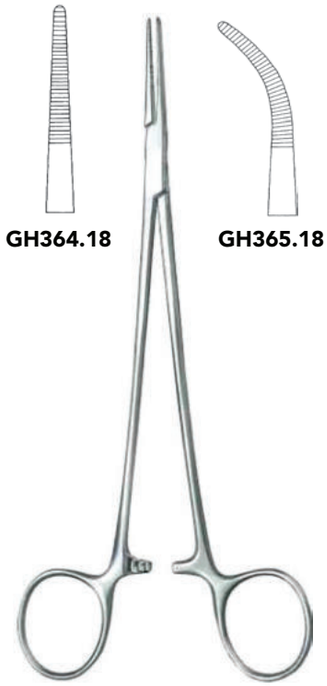
Slightly curved



GH363.19



SCHNIDT
18.5 cm/7¼"



GH364.18 **GH365.18**

ADSON
18.5 cm/7¼"



FUCHSIG
GH369.20
18.5 cm/7¼"

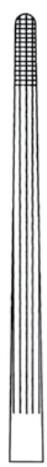


NISSEN
GH1000.39
18.5 cm/7¼"



ROCHESTER-CARMALT

GH370.16
16.5 cm/6"



GH370.20
20 cm/8"

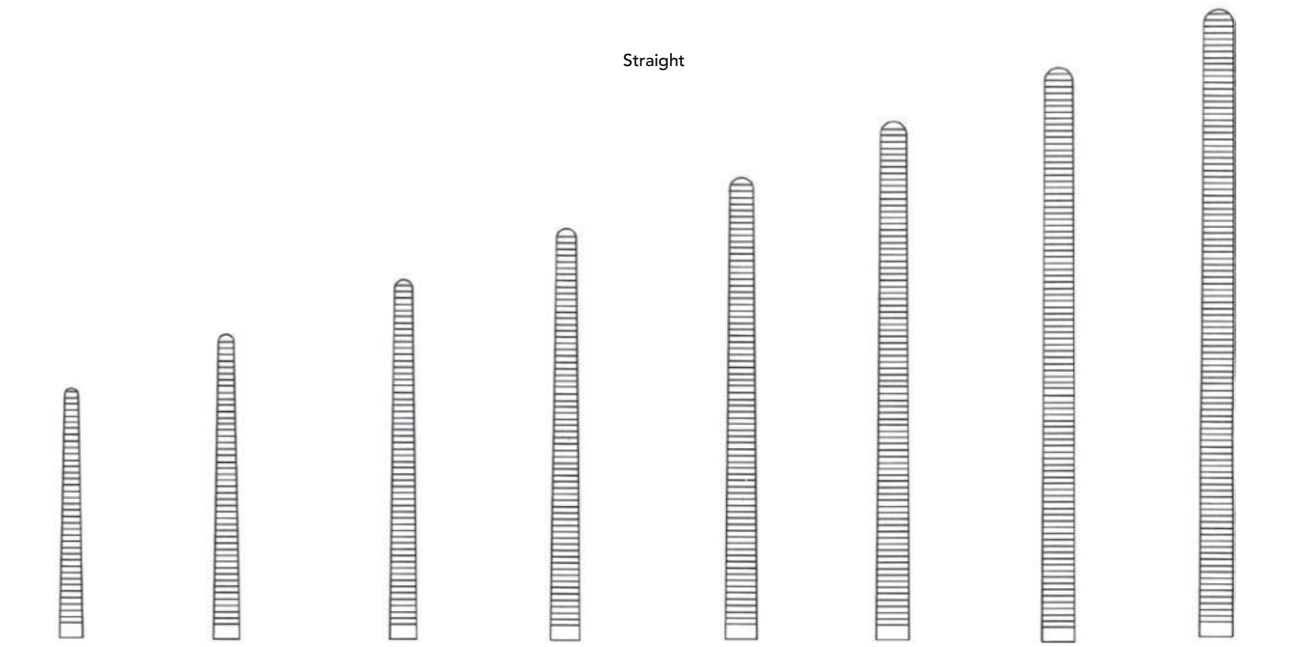


GH371.16
16.5 cm/6"



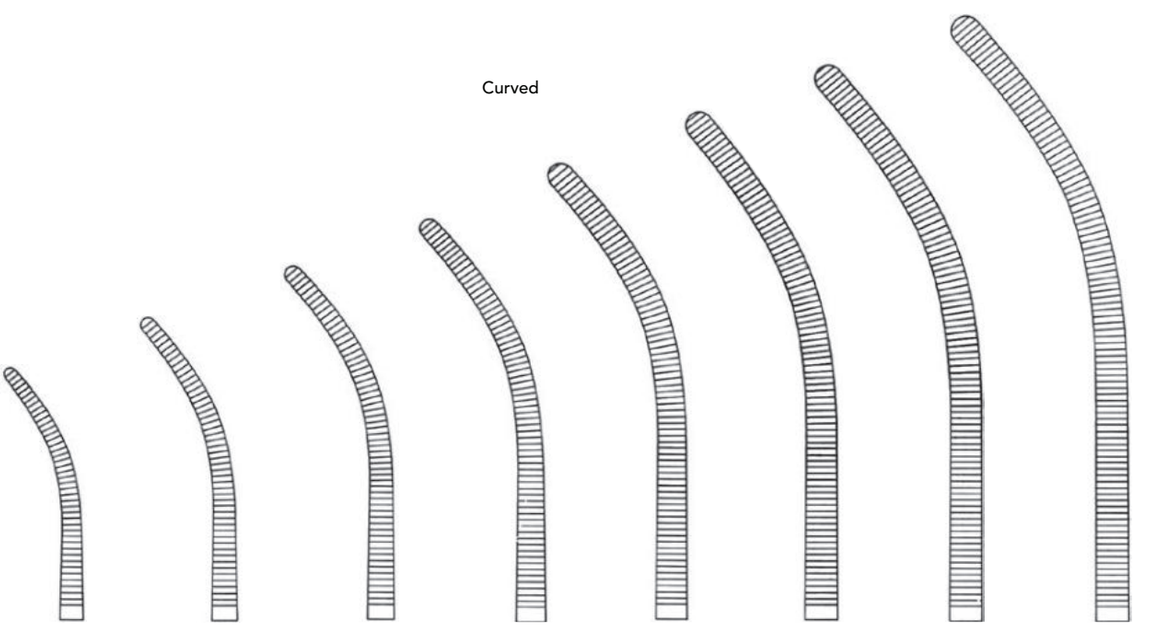
GH371.20
20 cm/8"

Straight



GH410.14 14.5 cm/5¾″
GH410.16 16.5 cm/6½″
GH410.18 18.5 cm/7¼″
GH410.20 20.5 cm/8¼″
GH410.22 22.5 cm/8¾″
GH410.24 24 cm/9½″
GH410.26 26 cm/10¼″
GH410.30 31 cm/12½″

Curved



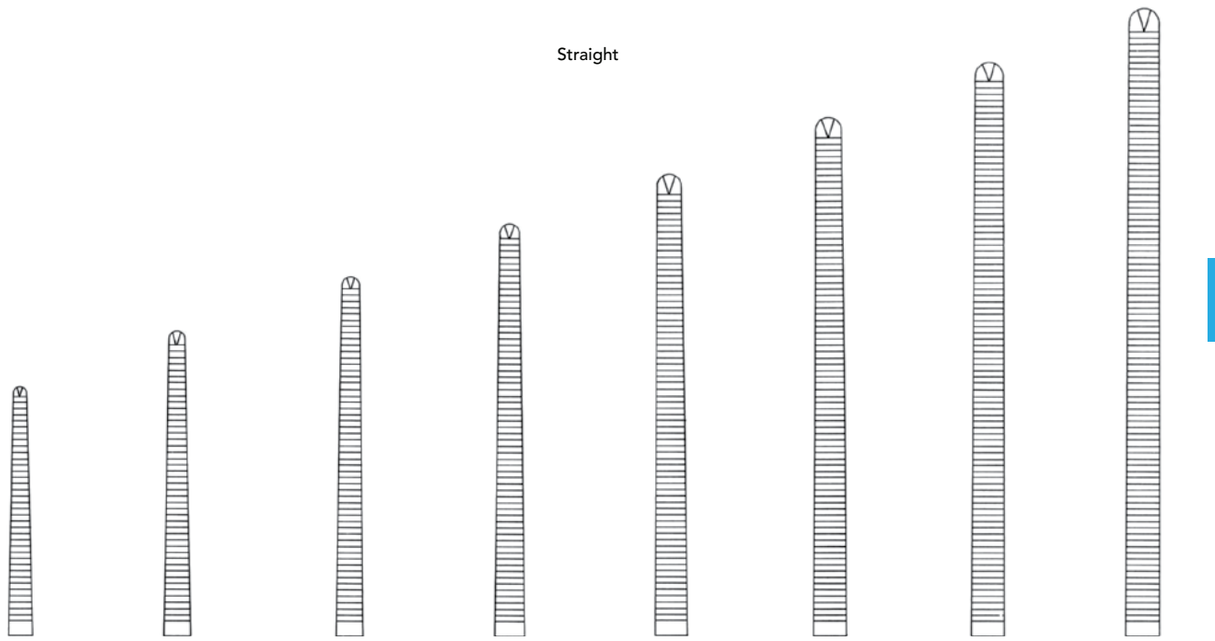
GH411.14 14.5 cm/5¾″
GH411.16 16.5 cm/6½″
GH411.18 18.5 cm/7¼″
GH411.20 20.5 cm/8¼″
GH411.22 22.5 cm/8¾″
GH411.24 24 cm/9½″
GH411.26 26 cm/10¼″
GH411.30 31 cm/12½″



PEAN (ROCHESTER)

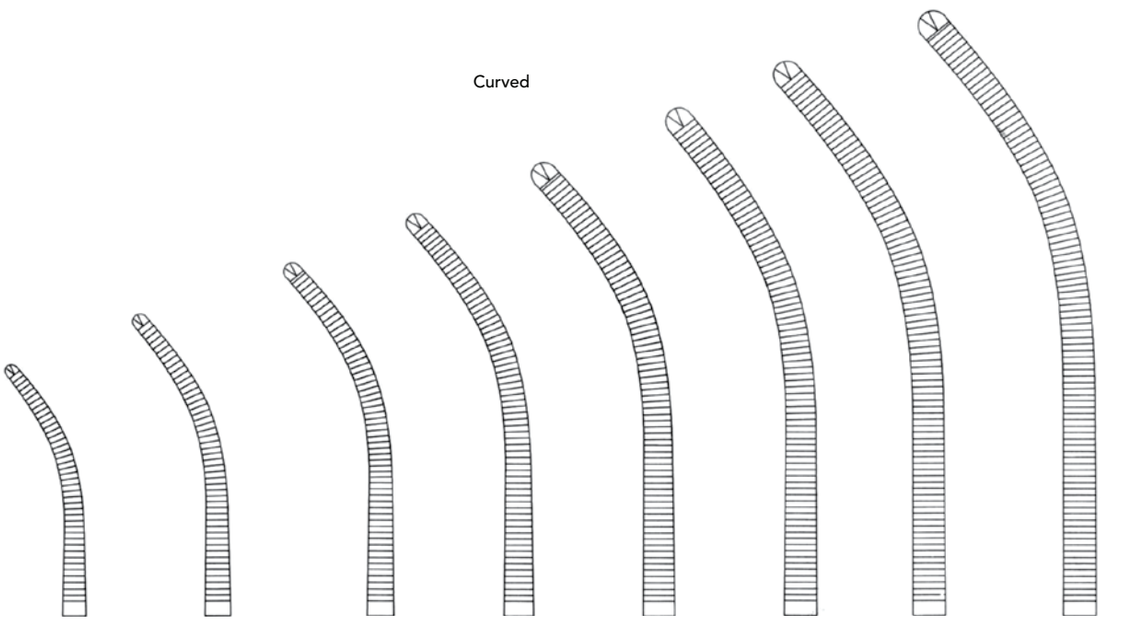


Straight



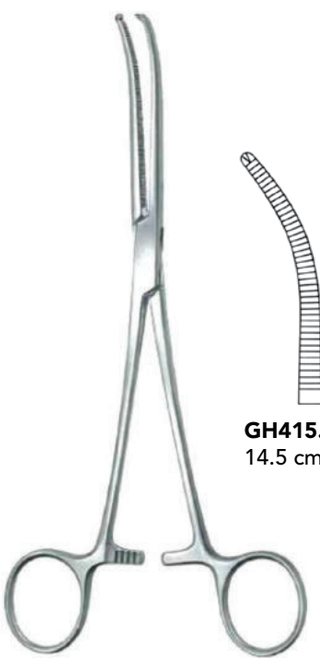
GH414.14	GH414.16	GH414.18	GH414.20	GH414.22	GH414.24	GH414.26	GH414.30
14.5 cm/5¾″	16.5 cm/6½″	18.5 cm/7¼″	20.5 cm/8¼″	22.5 cm/8¾″	24 cm/9½″	26 cm/10¼″	31 cm/12½″

Curved



GH415.14	GH415.16	GH415.18	GH415.20	GH415.22	GH415.24	GH415.26	GH415.30
14.5 cm/5¾″	16.5 cm/6½″	18.5 cm/7¼″	20.5 cm/8¼″	22.5 cm/8¾″	24 cm/9½″	26 cm/10¼″	31 cm/12½″

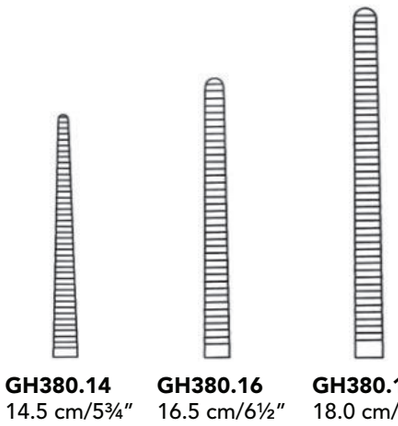
1:2



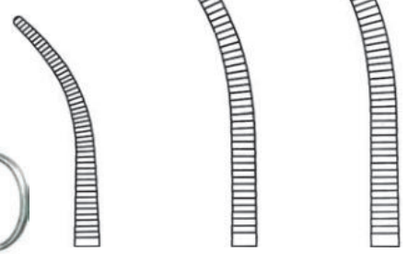
KOCHER (OCHSNER)



PEAN-NIPPON



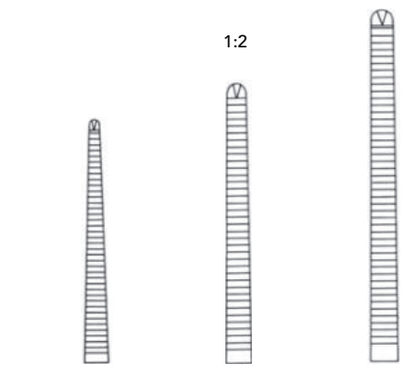
GH380.14 14.5 cm/5¾″
GH380.16 16.5 cm/6½″
GH380.18 18.0 cm/7″



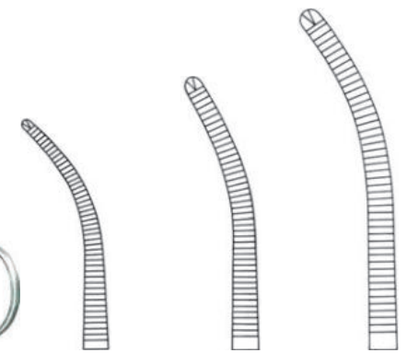
GH381.14 14.5 cm/5¾″
GH381.16 16.5 cm/6½″
GH381.18 18.0 cm/7″



KOCHER-NIPPON



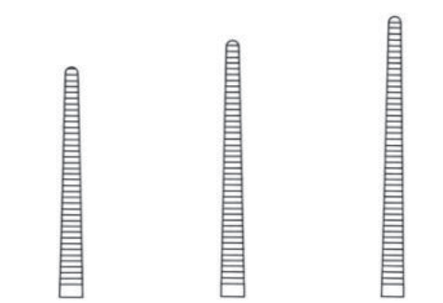
GH382.14 14.5 cm/5¾″
GH382.16 16.5 cm/6½″
GH382.18 18.0 cm/7″



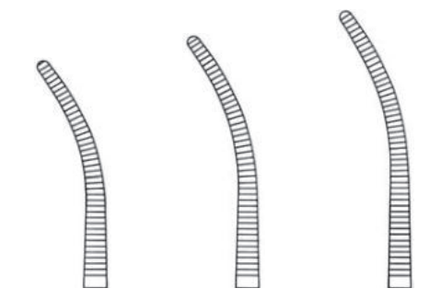
GH383.14 14.5 cm/5¾″
GH383.16 16.5 cm/6½″
GH383.18 18.0 cm/7″



PEAN



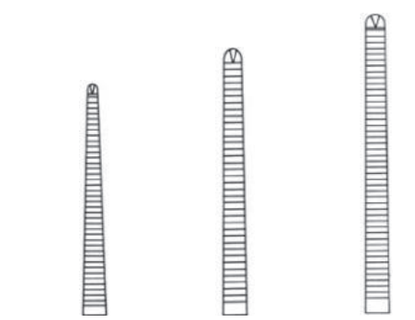
GH374.13 13.5 cm/5¼″
GH374.14 14.5 cm/5¾″
GH374.16 17 cm/6¾″



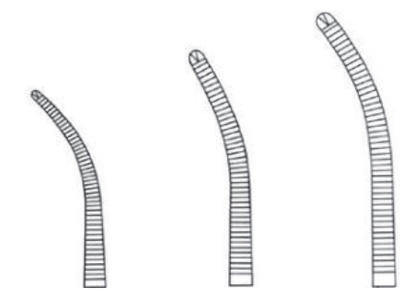
GH375.13 13.5 cm/5¼″
GH375.14 14.5 cm/5¾″
GH375.16 17 cm/6¾″



KOCHER



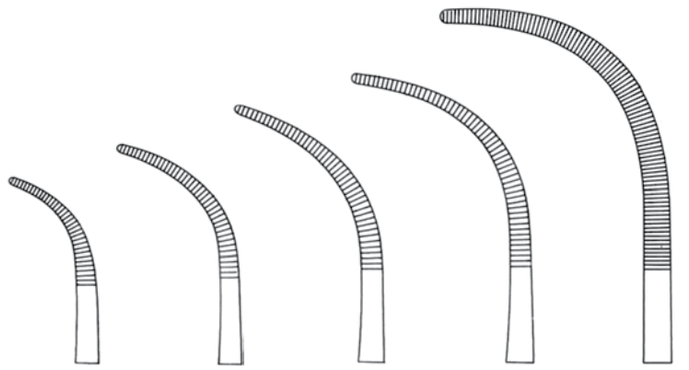
GH384.13 13 cm/5″
GH384.14 14 cm/5½″
GH384.16 16 cm/6¼″



GH385.13 13 cm/5″
GH385.14 14 cm/5½″
GH385.16 16 cm/6¼″



OVERHOLT



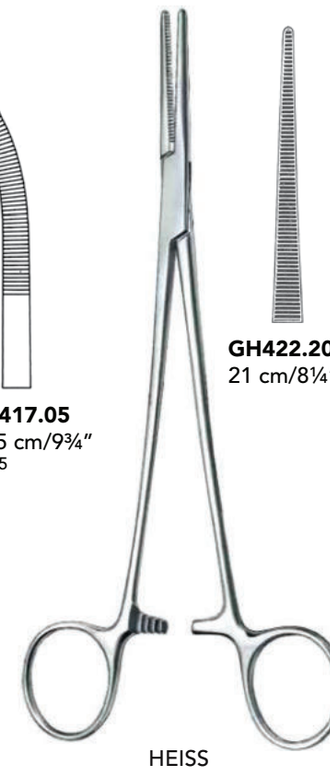
GH417.01
18.5 cm/7¼"
Fig. 1

GH417.02
20.5 cm/8"
Fig. 2

GH417.03
21 cm/8¼"
Fig. 3

GH417.04
21.5 cm/8½"
Fig. 4

GH417.05
24.5 cm/9¾"
Fig. 5



HEISS

GH422.20
21 cm/8¼"



GH423.20
21 cm/8¼"



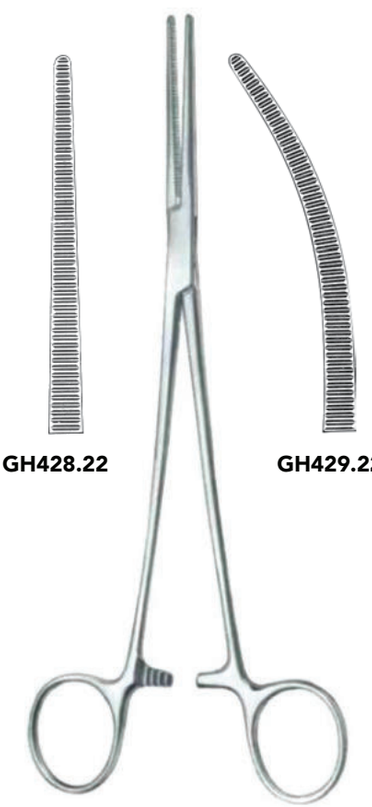
GH425.20
21 cm/8¼"



OVERHOLT-MIXTER
GH427.21
22 cm/8¾"

GH428.22

GH429.22



ROBERTS
22 cm/8¾"



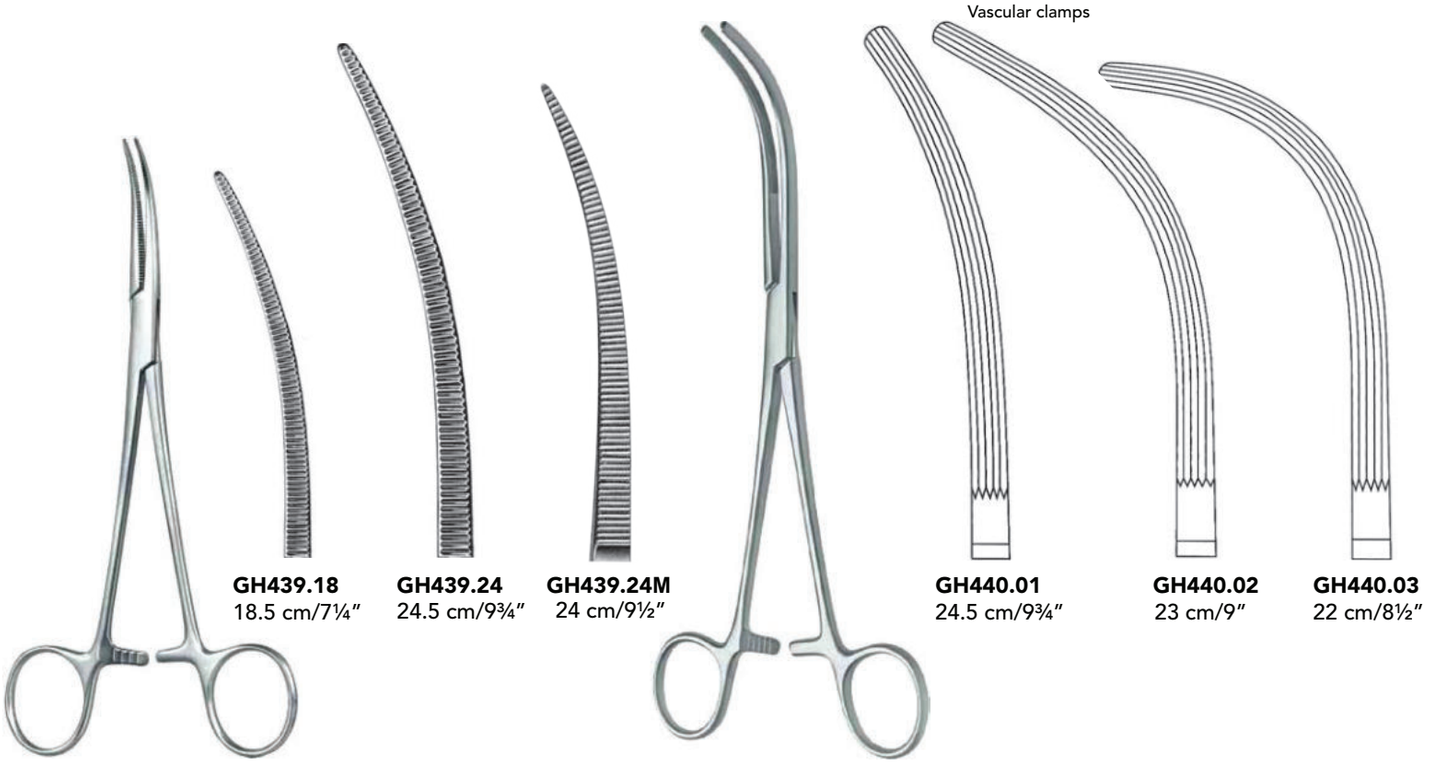
GH432.24
25.0 cm/10"



GH433.24
24.5 cm/9¾"

SAROT

Vascular clamps



GH439.18
18.5 cm/7¼"

GH439.24
24.5 cm/9¾"

GH439.24M
24 cm/9½"

CRAFOORD

CRAFOORD-SELLORS

GH440.01
24.5 cm/9¾"

GH440.02
23 cm/9"

GH440.03
22 cm/8½"



GH449.00

GH449.01

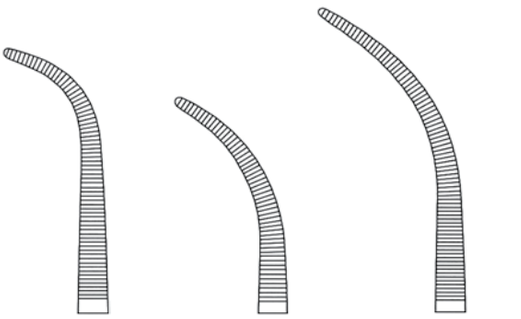
OVERHOLT
30 cm/11¾"

GH449.06

OVERHOLT-MINI
GH450.01
15 cm/6"

OVERHOLT-MINI
GH450.02
20 cm/8"

OVERHOLT-BABY
GH339.14
13.5 cm/5¼"



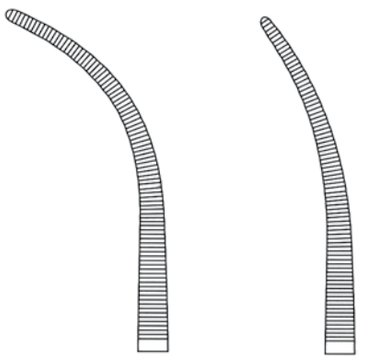
GH448.00
21.5 cm/8½"

GH448.01
22 cm/8½"

GH448.02
22.5 cm/8¾"



OVERHOLT-FINO



GH448.03
23 cm/9"

GH448.06
22.5 cm/8¾"



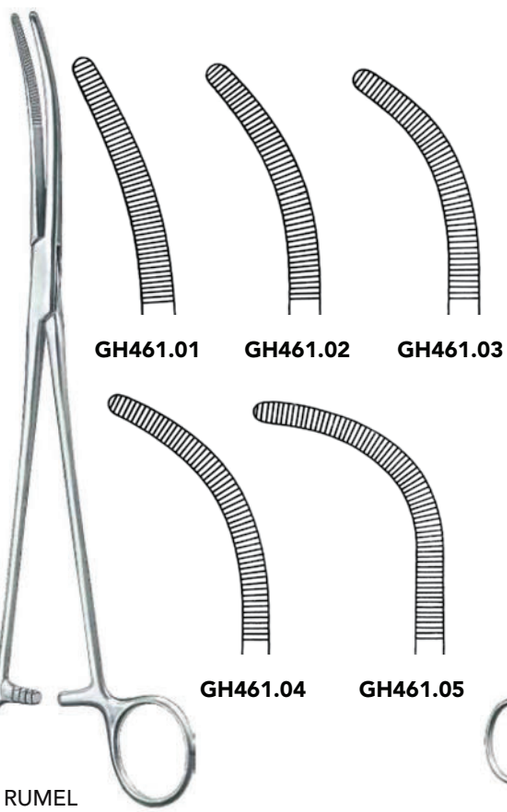
GEMINI

13 cm/5"	**GH451.13**
16 cm/6¼"	**GH451.16**
18 cm/7"	**GH451.18**
21 cm/8¼"	**GH451.20**
23 cm/9"	**GH451.23**
25 cm/10"	**GH451.25**
28 cm/11"	**GH451.28**



MINI-GEMINI

18 cm/7"	**GH453.18**
23 cm/9"	**GH453.22**
25 cm/10"	**GH453.25**
28.5 cm/11¼"	**GH453.28**



GH461.01

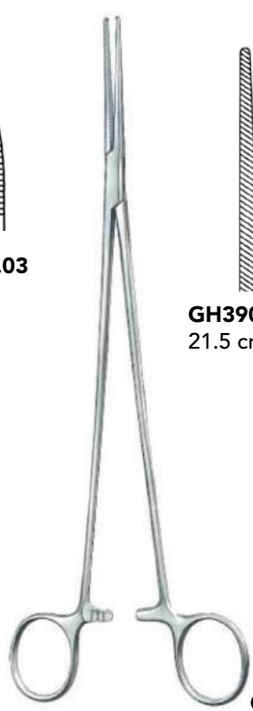
GH461.02

GH461.03

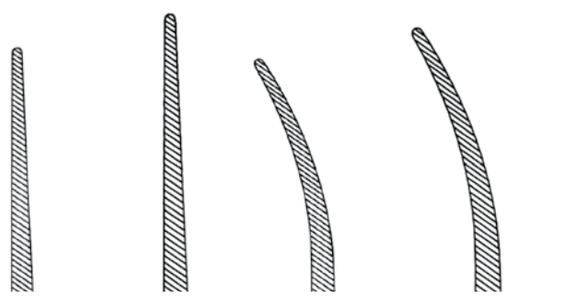
GH461.04

GH461.05

RUMEL
24 cm/9½"



BENGOLEA



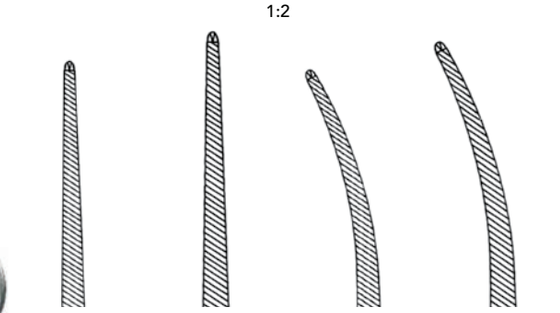
GH390.20
21.5 cm/8½"

GH390.26
26 cm/10¼"

GH391.20
21.5 cm/8½"

GH391.26
26 cm/10¼"

1:2



GH392.20
21.5 cm/8½"

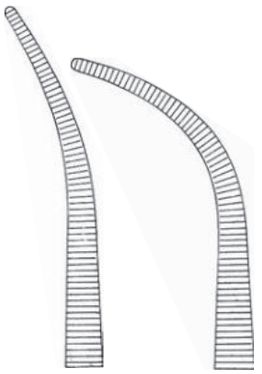
GH392.26
26 cm/10¼"

GH393.20
21.5 cm/8½"

GH393.26
26 cm/10¼"



ZENKER

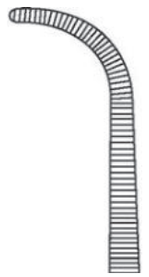


GH469.01
29.5 cm/11½"

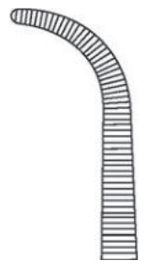
GH469.02
28.5 cm/11¼"



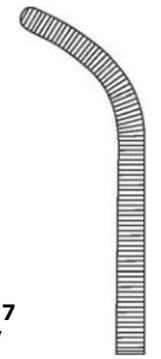
O'SHAUGNESSY



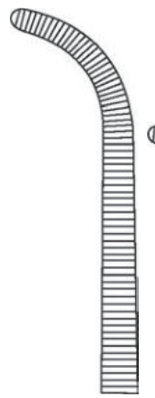
GH479.14
15 cm/6"



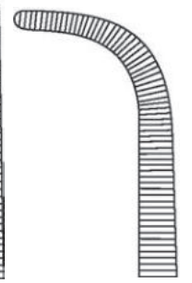
GH479.17
18 cm/7"



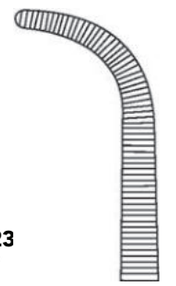
GH479.19
18.5 cm/7¼"



GH479.20
20 cm/6"



GH479.23
23 cm/9"



GH479.26
26 cm/10¼"



MIXTER-BABY
GH471.14
13 cm/5"



GH1000.04
19 cm
GH1000.05
24 cm
GH1000.06
27,5 cm

KANTROWITZ



GH473.15
16 cm/6¼"

GH473.17
17.5 cm/7"

MIXTER



MIXTER-BABY
GH419.18
18.5 cm/7¼"



GH421.18
18.0 cm/7"

GH421.14
14.5 cm/5¾"

ADSON-BABY





MIXTER

GH483.22
22.5 cm/8¾"



MIXTER

GH485.23
23 cm/9"

Bile duct clamps



WIKSTROEM

21.0 cm/8¼"	**GH487.21**
24.5 cm/9½"	**GH487.24**



MIXTER

22.5 cm/8¾"	**GH491.22**
26 cm/10¼"	**GH491.25**
28 cm/11"	**GH491.28**



MCQUIGG-MIXTER

GH497.22
23.5 cm/9¼"



MIXTER-BABY
13.5 cm/5¼"



GH303.01



GH303.02



Micro-ADSON
GH304.14
14 cm/5½"



BABY-ADSON
GH305.18
18 cm/7"



GRAY
22 cm

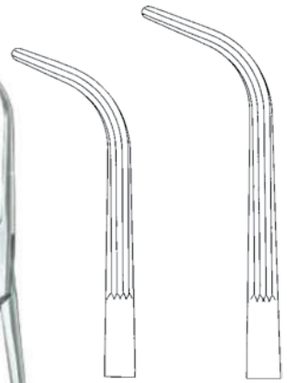
GH1000.37



LOWER
GH501.18
18.5 cm/7¼"



LAHEY



GH511.19
19.5 cm/7¾"

GH511.23
22.5 cm/8¾"



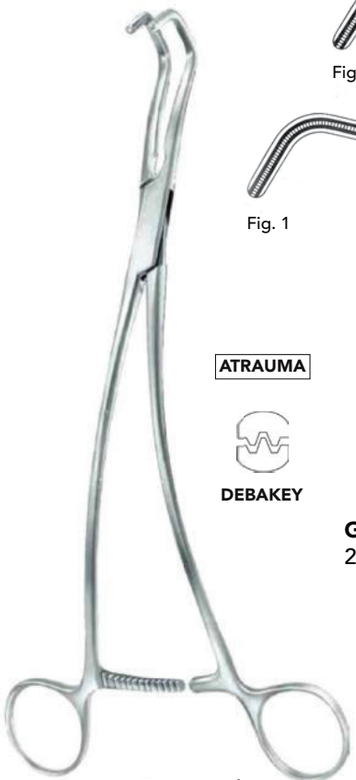
FINOCHIETTO

Bile duct clamps



GH521.24
24.5 cm/9½"

Tangential forceps



Uro-Tangential

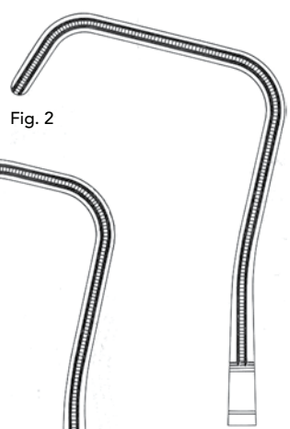


Fig. 2

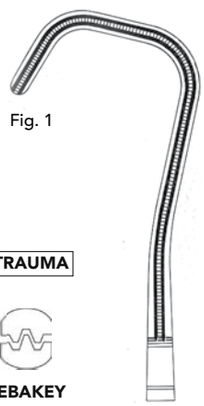


Fig. 1

ATRAUMA

DEBAKEY

GH527.01
25 cm/9¾"

GH527.02
26 cm/10¼"

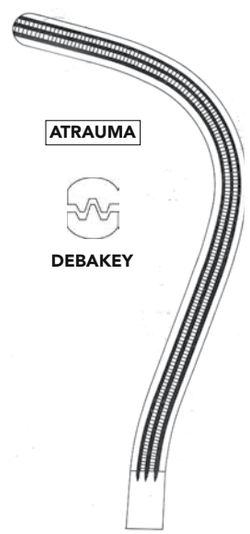
Kidney pedicle clamps



GUYON
23 cm/9" **GH529.23**
24 cm/9½" **GH529.24**

ATRAUMA

DEBAKEY





GUYON
19.5 cm/9" **GH531.20**
21.5 cm/9½" **GH531.22**
24.5 cm/9½" **GH531.24**

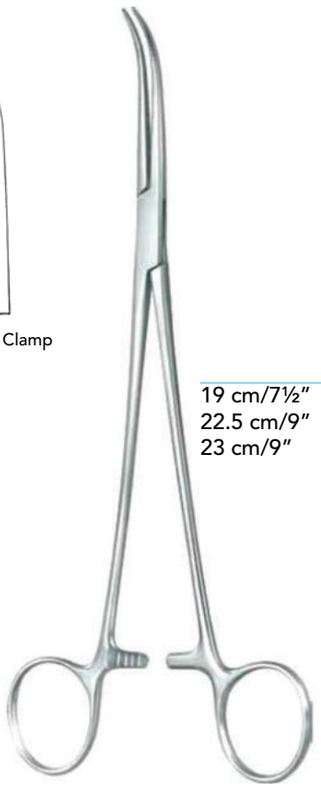


GUYON
GH533.23
23 cm/9″



Bile Duct Clamp

DESJARDINS
GH571.21
21 cm/8¼″



KELLY







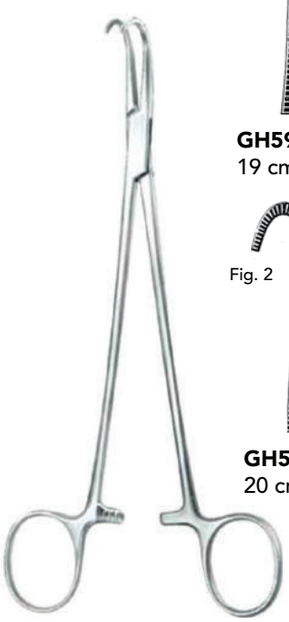
	Fig. 1	Fig. 2	Fig. 3
19 cm/7½″	**GH577.19**	**GH579.19**	**GH581.19**
22.5 cm/9″	**GH577.22**	**GH579.22**	**GH581.22**
23 cm/9″	**GH577.24**	**GH579.24**	**GH581.24**



LAWRENCE
GH583.28
28 cm/11″



MEEKER
GH585.28
28 cm/11″



NEGUS



Fig. 1

GH595.19
19 cm/7½″

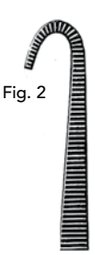
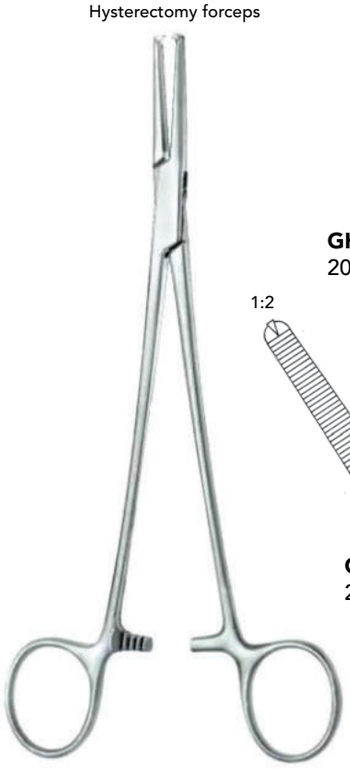


Fig. 2

GH597.19
20 cm/8″

Hysterectomy forceps



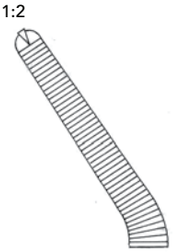
PHANEUF

1:2

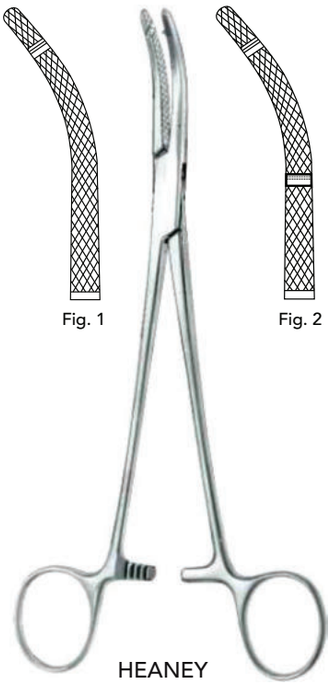


GH600.21
20.5 cm/8″

1:2



GH601.21
20.5 cm/8″



HEANEY

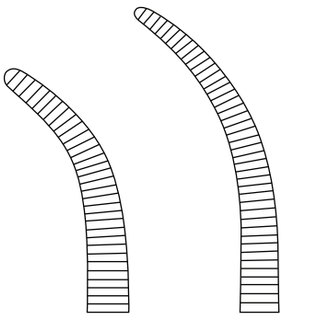
	Fig. 1	Fig. 2
19.5 cm/7″	**GH613.19**	**GH615.19**
21.0 cm/8¼″	**GH613.21**	**GH615.21**
23.0 cm/9″	**GH613.23**	**GH615.23**



WERTHEIM-CULLEN
GH625.21
21 cm/8¼″



MOYNIHAN



GH671.23
23 cm/9″

GH673.24
24 cm/9½″



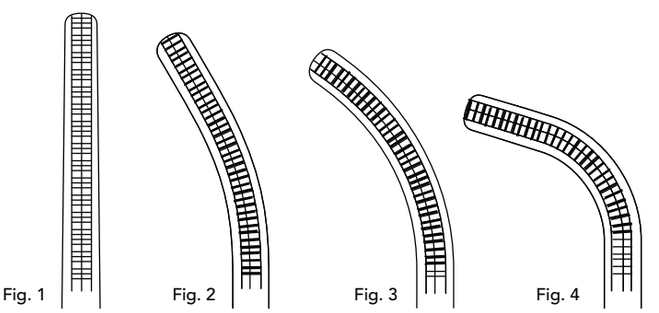
GH1000.25
15 cm/6″



ATRAUMA

DEBAKEY

ROGERS

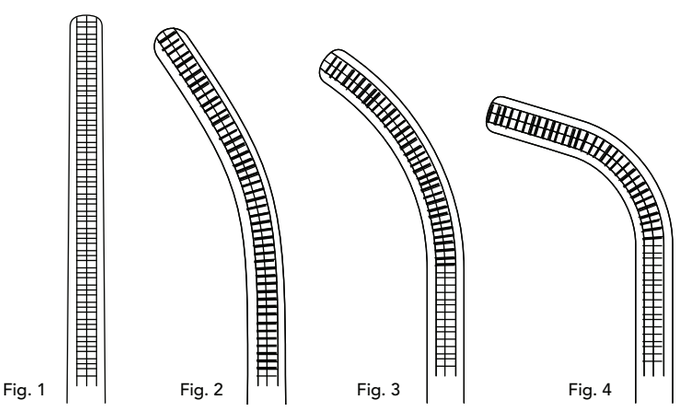


GH635.10
21.5 cm/8½″

GH635.20
21 cm/8¼″

GH635.30
21 cm/8¼″

GH635.40
20.5 cm/8″

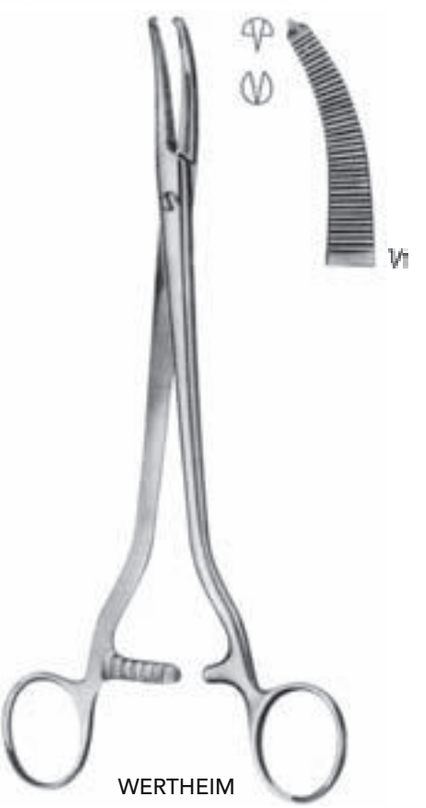


GH637.10
25.5 cm/10″

GH637.20
25 cm/9¾″

GH637.30
24.5 cm/9½″

GH637.40
24.5 cm/9½″



WERTHEIM

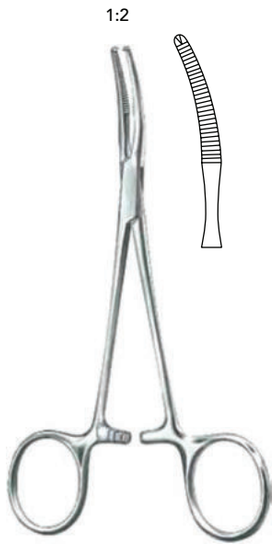
GH1000.40
23.5 cm



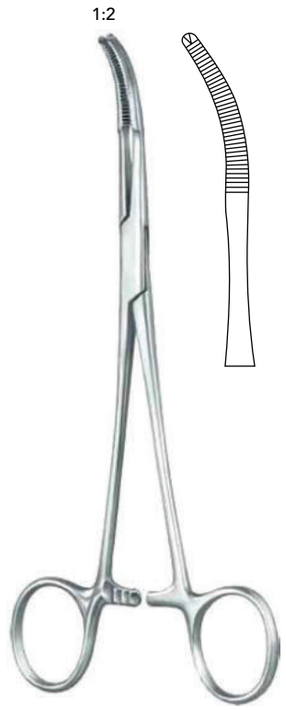
WERTHEIM
GH697.25
26 cm/10¼"



WERTHEIM
22.5 cm/18¾"



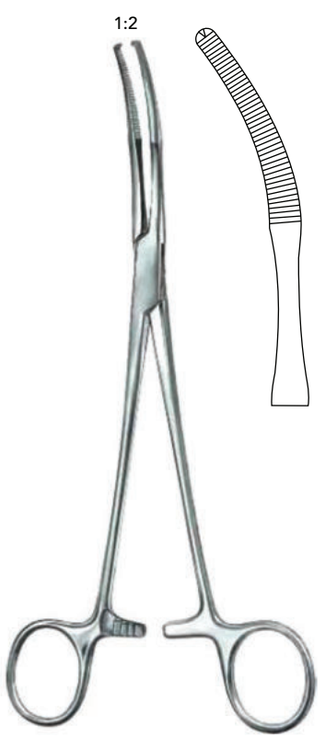
MIKULICZ-BABY
GH721.14
14.5 cm/5¾"



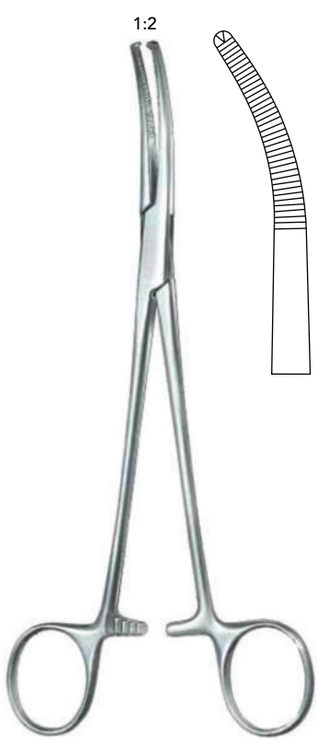
MIKULICZ
GH725.18
18.5 cm/7¼"



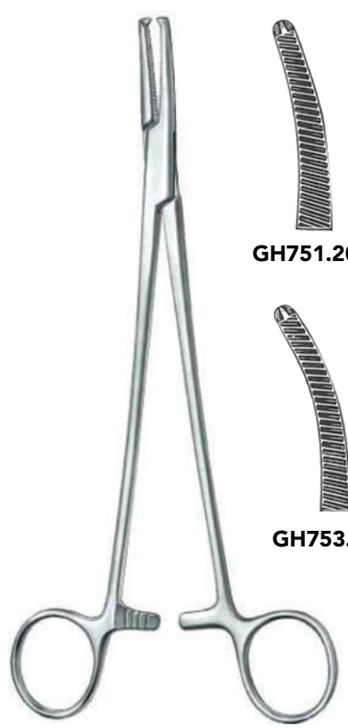
MIKULICZ
GH727.20
20 cm/8"



MIKULICZ
GH745.20
20 cm/8"



MIKULICZ
GH749.21
20.5 cm/8¼"



FAURE
21 cm/8¼"

sharp



SCHAEDEL
GH875.09
9 cm/3½"

sharp



JONES
GH881.05 5.5 cm/2¼"
GH881.09 8.5 cm/3½"

sharp
with tube holder



JONES
GH883.09
8.5 cm/3½"

sharp



BACKHAUS
GH915.09 9 cm/3½"
GH915.11 11 cm/4½"
GH915.13 13 cm/5¼"
GH915.15 16 cm/6¼"

sharp
with tube holder



BACKHAUS
GH913.11
11 cm/4½"

delicate, sharp



BACKHAUS
GH909.11 11 cm/4½"
GH909.13 13 cm/5¼"

sharp



BERNHARD
GH921.16
16.5 cm/6½"

delicate, sharp



ROEDER
GH917.13
13.5 cm/5¼"

fine serration wide jaw

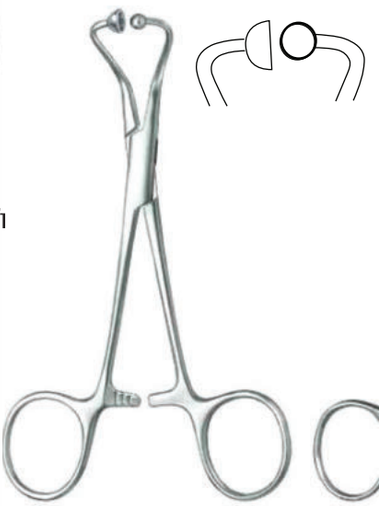


LORNA
GH919.10 10 cm/4″
GH919.13 13 cm/5″



JACKSON
GH1000.03
Tendon tutucu pens
Tendon seizing forcep
4 x 5 diş/4 x 5 teeth
15 cm

for paper drapes

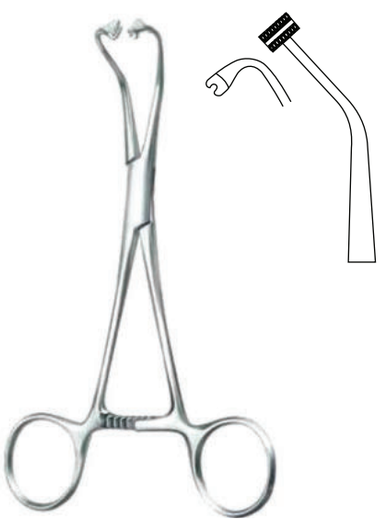


BALL & SOCKET
GH924.11 11.5 cm/4½″
GH924.14 14.0 cm/5½″

blunt



TOHOKU
GH923.10 10.5 cm/4¼″
GH923.13 13.5 cm/5¼″



PEERS-BERTRAM
GH923.14
14.5 cm/5¾″

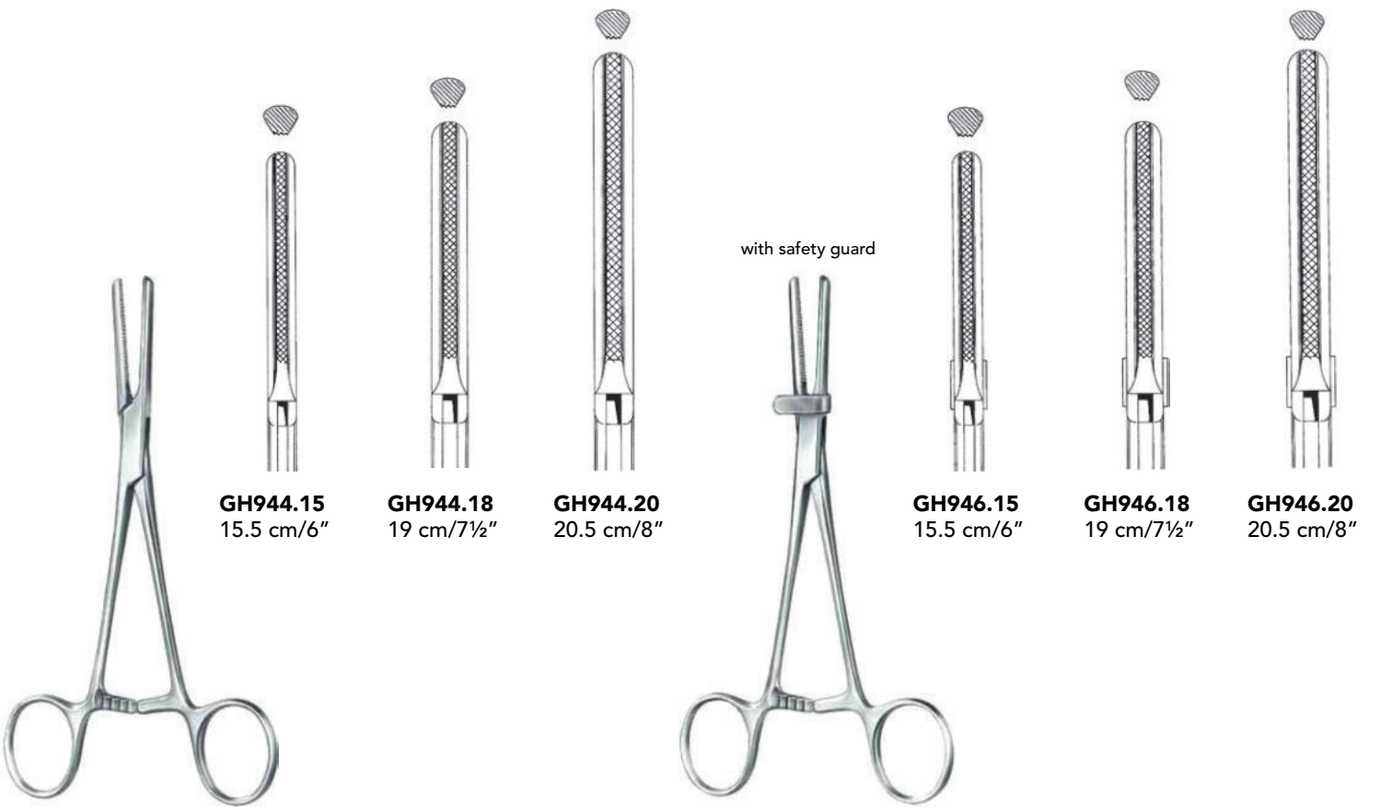
wide jaw for tube fixation



PEERS-BERTRAM modif.
GH916.15
14.5 cm/5¾″



LANE
GH935.20
19.5 cm/7¾″



GH944.15
15.5 cm/6″

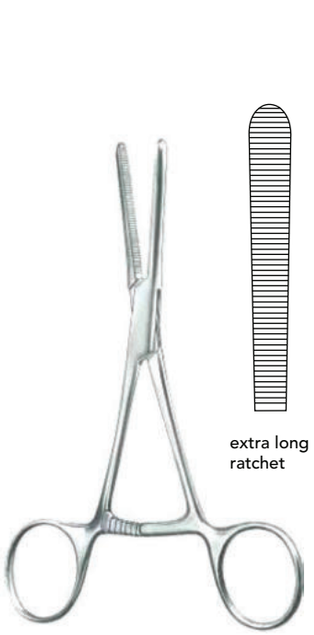
GH944.18
19 cm/7½″

GH944.20
20.5 cm/8″

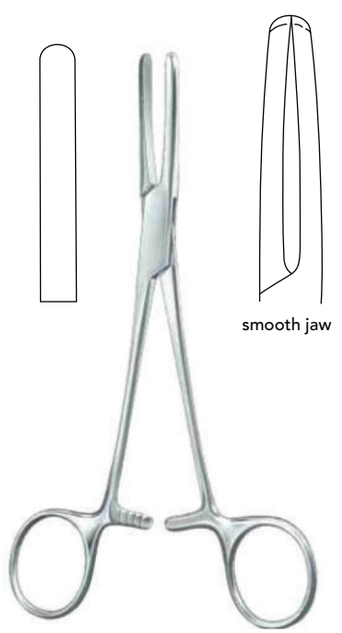
GH946.15
15.5 cm/6″

GH946.18
19 cm/7½″

GH946.20
20.5 cm/8″



GH940.14
14 cm/5½″



GH942.16
16.5 cm/6½″

inside ed

GW

COTTON & SWAB FORCEPS





ULRICH

	Straight	Curved
22.5 cm/9"	**GW100.22**	**GW101.22**
27 cm/10¾"	**GW100.27**	**GW101.27**



DUPLAY
GW1000.00
21 cm

Sinus forceps



LISTER
13.0 cm/5" **GW110.13**
16.0 cm/6¼" **GW110.16**
18.5 cm/7¼" **GW110.18**

Dressing forceps



GW120.17
17.5 cm/6¾"



Tunneling forceps



GROSS-MAIER

	Straight	Curved
20.5 cm/8¼"	**GW222.20**	**GW223.20**
Kilitsiz/ Wo.Lock	**GW222.20B**	**GW223.20B**
22.5 cm/9"	**GW222.22**	**GW223.22**
26.5 cm/10½"	**GW222.27**	**GW223.27**



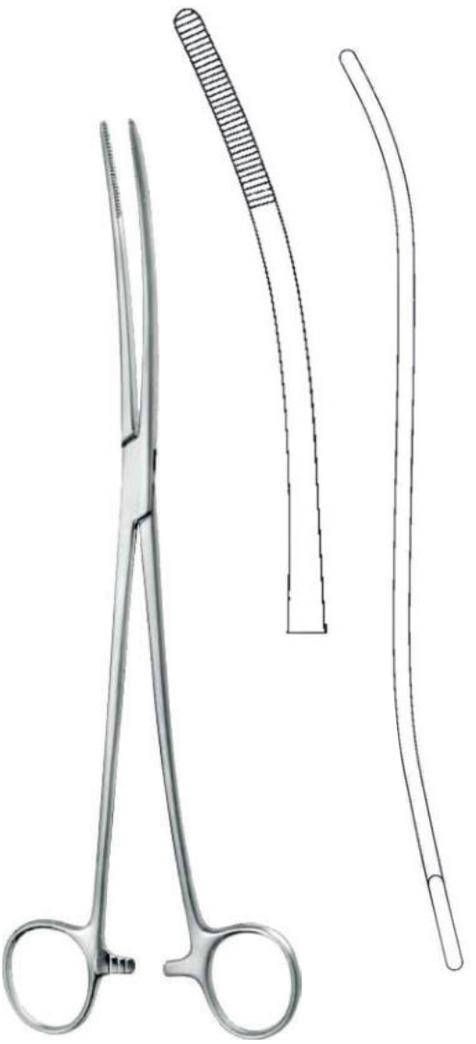
GW231.40
39.5 cm/15¾"



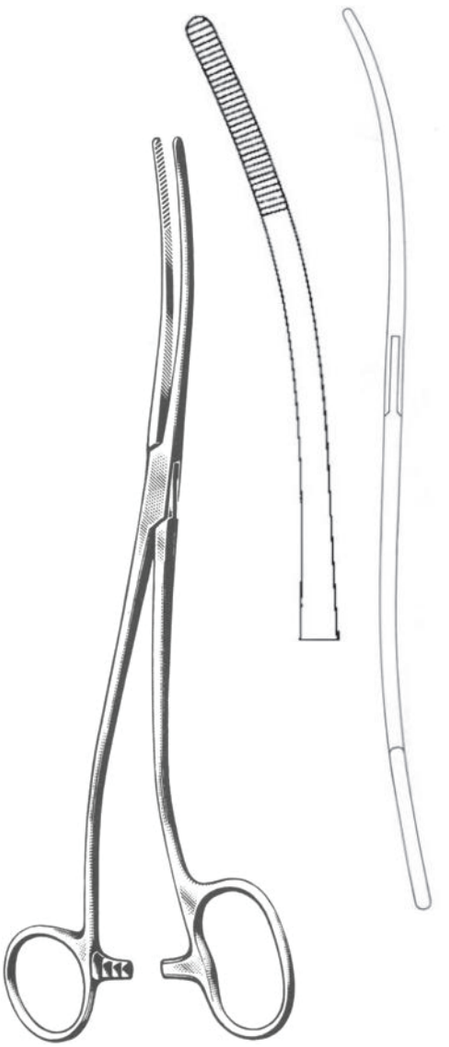
COLLIN
GW286.25
25 cm/10"



BOZEMANN
GW313.26
26 cm/10¼"



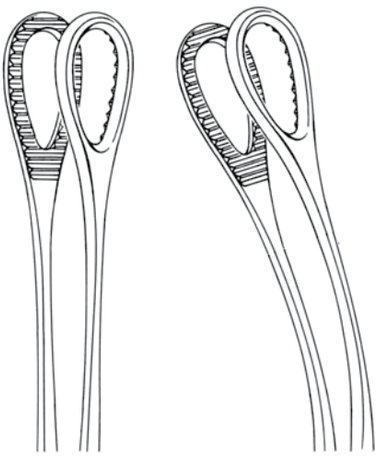
BOZEMANN
GW310.26
26 cm/10¼"



BOZEMANN-DAUGLAS
GW315.26
26 cm/10¼"

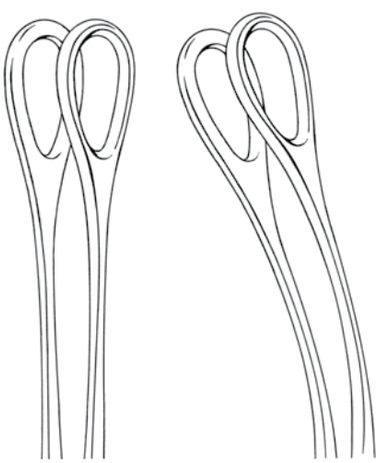


Serrated



18 cm/7¼"	**GW352.18**	**GW355.18**
20.5 cm/8¼"	**GW352.20**	**GW355.20**
25 cm/10"	**GW352.25**	**GW355.25**

Smooth

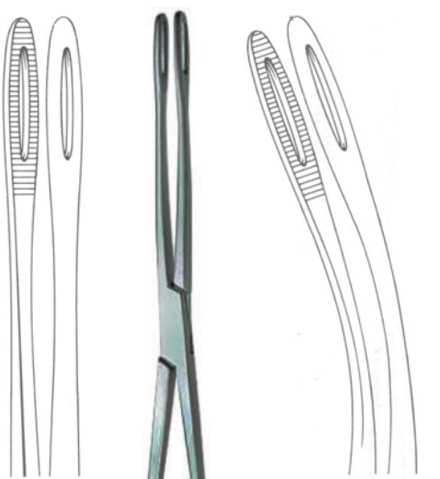


18 cm/7¼"	**GW350.18**	**GW351.18**
20.5 cm/8¼"	**GW350.20**	**GW351.20**
25 cm/10"	**GW350.25**	**GW351.25**



FOERSTER

Serrated



GW360.25 **GW361.25**

FOERSTER
25 cm/10"



CHERON
GW290.25
25 cm/10”

Serrated



BERGMANN
GW320.24
24 cm/9½”

Serrated



RAMPLEY
18.0 cm/7¼” **GW370.18**
24.5 cm/9¾” **GW370.25**

insided

GR RETRACTORS





RASSE
GR006.10
16 cm/6¼"



GRAEFE
15 cm/6"

Sharp



GR066.01

Blunt



GR066.02

Sharp



16 cm/6¼"



GR068.01
Fig. 1



GR068.02
Fig. 2



GR068.03
Fig. 3



GR068.04
Fig. 4

Sharp



RASSE
GR068.05
16 cm/6¼"

Sharp





GR070.16

O'CONNOR
16 cm/6¼"

Sharp





GR072.01
Fig.1



GR072.02
Fig. 2

GUTHRIE
16 cm/6¼"

Vessel hook



GR088.12
12 cm/4¾"



LANGENBECK-MINI
16 cm/6¼"



GR095.10
12 x 6 mm



GR095.20
20 x 6 mm



GR095.17
18 x 6 mm

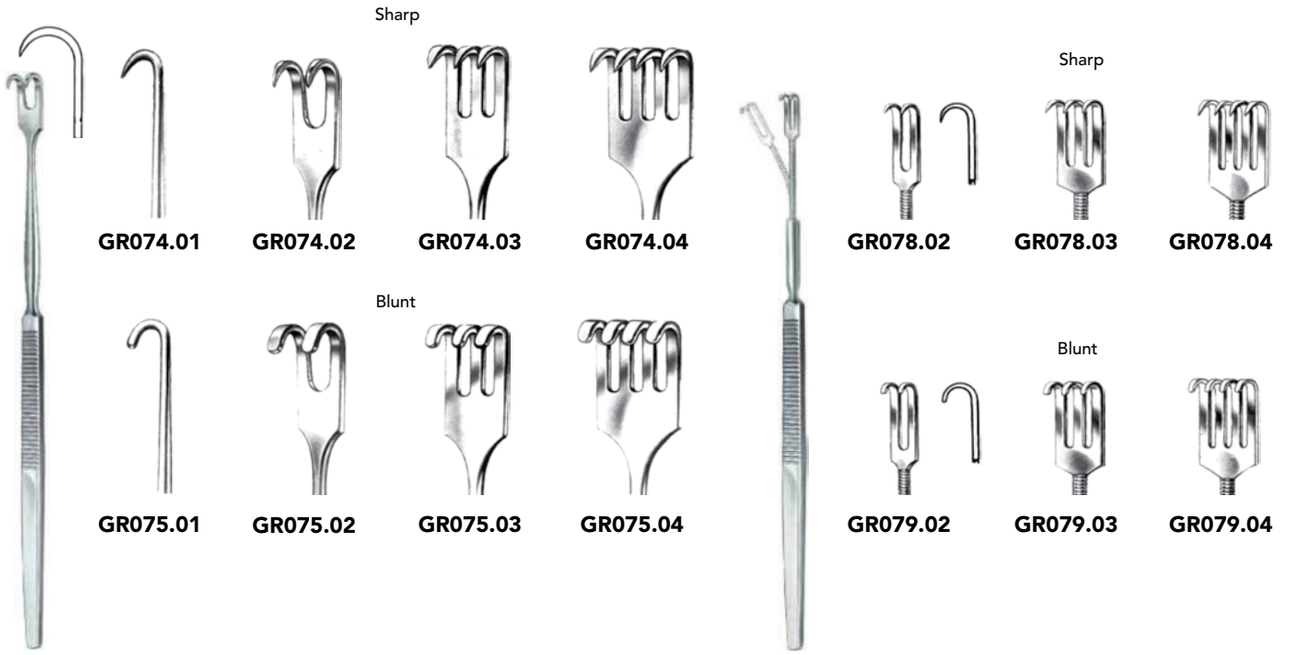


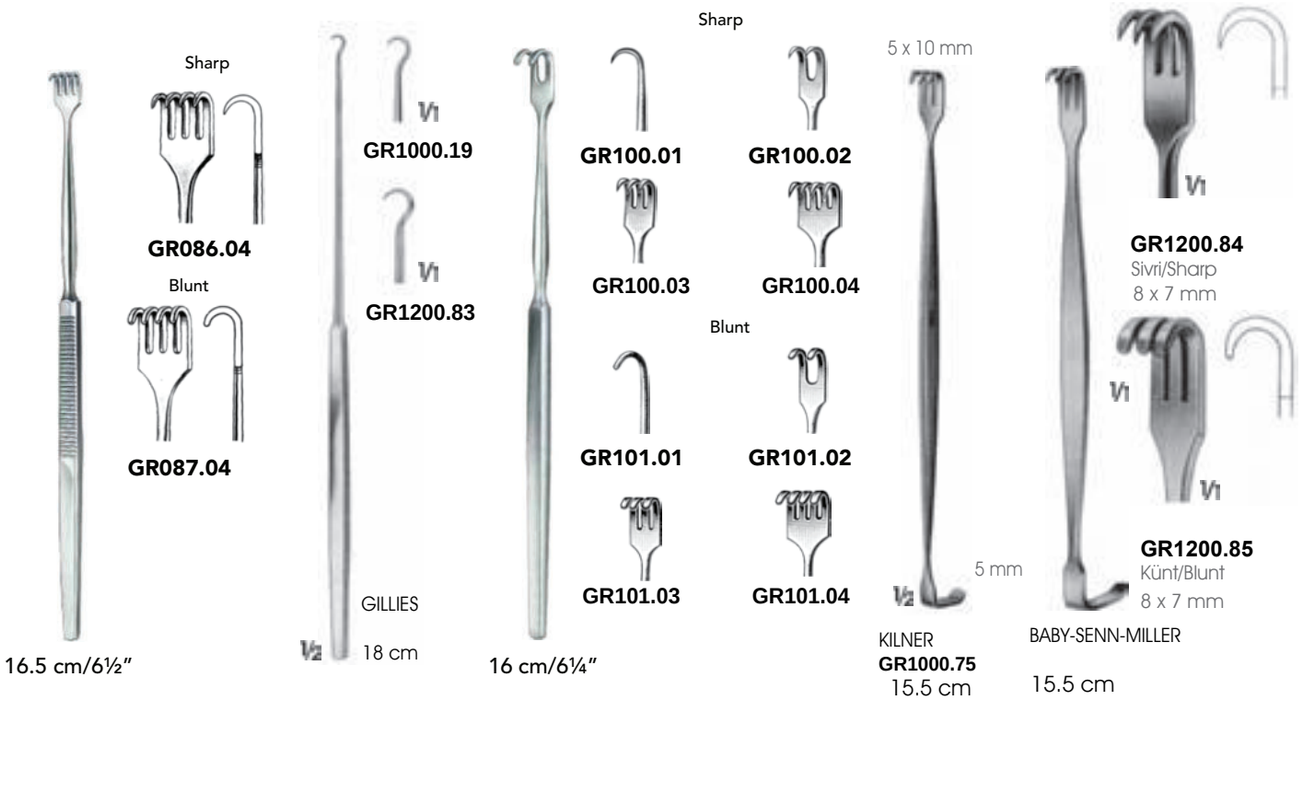
GR095.22
21 x 8 mm

Blunt



GR099.16
16 cm/6¼"
14 x 8 mm


Sharp
GR074.01
GR074.02
GR074.03
GR074.04
Blunt
GR075.01
GR075.02
GR075.03
GR075.04
16.5 cm/6½"
Sharp
GR078.02
GR078.03
GR078.04
Blunt
GR079.02
GR079.03
GR079.04
15.5 cm/6"


Sharp
GR086.04
Blunt
GR087.04
16.5 cm/6½"
V1
GR1000.19
V1
GR1200.83
GILLIES
½
18 cm
GR100.01
GR100.03
GR101.01
GR101.03
16 cm/6¼"
Sharp
GR100.02
GR100.04
Blunt
GR101.02
GR101.04
5 x 10 mm
5 mm
½
KILNER
GR1000.75
15.5 cm
V1
GR1200.84
Sivri/Sharp
8 x 7 mm
V1
V1
GR1200.85
Künt/Blunt
8 x 7 mm
BABY-SENN-MILLER
15.5 cm



DESMARRES
16 cm/6¼"

8 mm
GR091.08
10 mm
GR091.10
12 mm
GR091.12
14 mm
GR091.14
16 mm
GR091.16
18 mm
GR091.18



DESMARRES
16 cm/6¼"

12 mm
GR093.12
14 mm
GR093.14
16 mm
GR093.16
18 mm
GR093.18



KÖNIG
GR10001.01
18 cm
13 x 13 mm



MANNERFELT
GR1001.03
15.5 cm
12 x 12 mm



CUSHING-KOCHER
GR1001.04
17.5 cm
10 x 10 mm



CUSHING
20.5 cm/8"

8 mm
GR171.08
10 mm
GR171.10
12 mm
GR171.12
14 mm
GR171.14
16 mm
GR171.16
18 mm
GR171.18



CUSHING
24 cm/9½"

8 mm
GR172.08
10 mm
GR172.10
12 mm
GR172.12
14 mm
GR172.14
16 mm
GR172.16
18 mm
GR172.18



GIL-VERNET
24 cm/9½"

Malleable shaft

GR174.04
4 mm
GR174.06
6 mm
GR174.08
8 mm
GR174.11
11 mm
GR174.15
15 mm
GR174.17
17 mm
GR174.20
20 mm
GR174.23
23 mm



MEYERDING
18 cm/7″

Blunt
GR151.01
18 x 7 mm
Fig. 1

Toothed
GR151.02
16 x 5 mm
Fig. 2

Toothed
GR151.03
7 x 4 mm
Fig. 3

Blunt
GR151.04
12 x 4 mm
Fig. 4

Saddle shaped
GR151.05
8 x 4 mm
Fig. 5

Sharp
GR151.06
7 x 9 mm
Fig. 6



KAYE-MILLARD
GR192.02
8 cm/3¼″



SENN-GREEN
16 cm/6¼″

20 x 6 mm
GR161.01
Fig. 1

10 x 6 mm
GR161.02
Fig. 2



RAGNELL-DAVIS
GR164.14
15 cm/6″

8 x 4.5 mm

15 x 5.5 mm



SENN-MILLER
16 cm/6¼″

Sharp
GR166.16

Blunt
GR167.16

20 x 7 mm



CUSHING
GR170.20
20.5 cm/8″



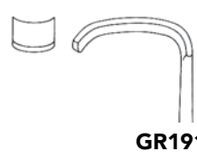
CRILE
GR1000.18
11 cm

11 x 4 mm

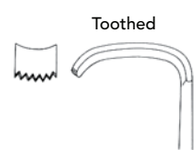
19 x 6 mm



STRANDELL-STILLE
19 cm/7½″



Smooth
GR191.01
Fig. 1



Toothed
GR191.02
Fig. 2



KLAPP
17.5 cm/7″

Blunt



GR195.01
13 x 6 mm



GR195.02
12 x 11 mm



GR195.03
15 x 12 mm



BROM
19 cm/7½″

Narrow
GR176.01

Wide
GR176.02

Sharp





GR210.01



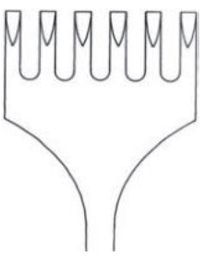
GR210.02



GR210.03



GR210.04



GR210.06

Blunt



GR211.01



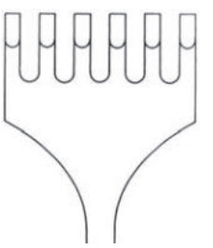
GR211.02



GR211.03



GR211.04



GR211.06

VOLKMANN
21.5 cm/8½"



10 mm **GR1001.08**
15 mm **GR1001.08S**
20 mm **GR1001.08M**
25 mm **GR1001.08L**

23 cm
½

Sharp



VOLKMANN
GR230.01
21.5 cm/8½"

Blunt



VOLKMANN
GR231.01
21.5 cm/8½"

Sharp



VOLKMANN
GR232.01
21.5 cm/8½"



VOLKMANN
22.5 cm/8¾"

Sharp


GR220.01


GR220.02


GR220.03


GR220.04


GR220.06

Blunt


GR221.01


GR221.02


GR221.03


GR221.04


GR221.06

Semi-sharp


GR222.01


GR222.02


GR222.03


GR222.04


GR222.06



KOCHER
22.5 cm/8¾"

Sharp


GR240.01


GR240.02


GR240.03


GR240.04


GR240.06


GR240.08

Blunt


GR241.01


GR241.02


GR241.03


GR241.04


GR241.06


GR241.08

Semi-sharp


GR242.01


GR242.02


GR242.03


GR242.04


GR242.06


GR242.08

Sharp



22.5 cm/8¾"



GR245.02



GR245.03



GR245.04



GR245.06

Blunt



GR246.02



GR246.03



GR246.04



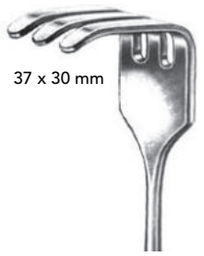
GR246.06

39 x 60 mm



OLLIER
GR253.04
23 cm/9"

37 x 30 mm



GR251.03
24.5 cm/9¾"



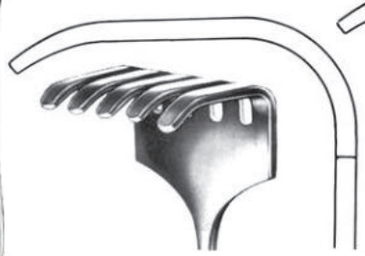
ISRAEL
24.5 cm/9¾"



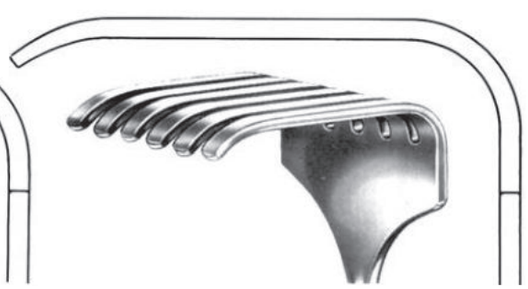
GR281.04
40 x 40 mm



GR287.06
50 x 60 mm

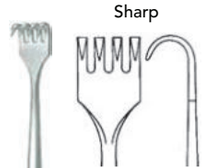


GR283.05
40 x 50 mm



GR289.07
70 x 70 mm

Sharp



GR200.04

Blunt

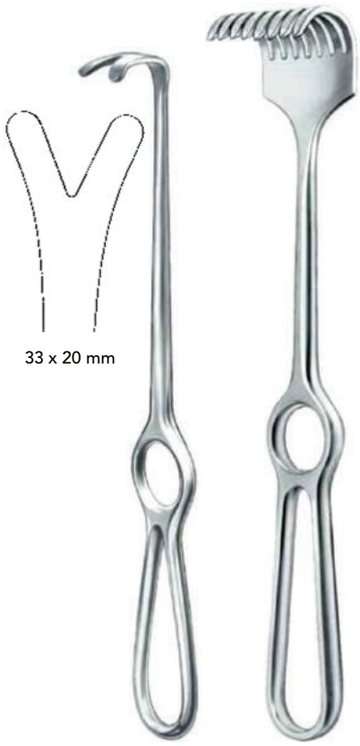


GR201.04



16.5 cm/6½"





WASSMUND
GR261.02
20.5 cm/8″



KOERTE
24.5 cm/9¾″
GR266.08
GR267.08



LANGENBECK
22 cm/8¾″

30 x 11mm	**GR291.01**
30 x 14 mm	**GR291.02**
30 x 15 mm	**GR291.03**
40 x 11 mm	**GR291.04**
50 x 11 mm	**GR291.05**



LANGENBECK
22 cm/8¾″

30 x 11mm	**GR293.01**
30 x 14 mm	**GR293.02**
30 x 15 mm	**GR293.03**
40 x 11 mm	**GR293.04**
50 x 11 mm	**GR293.05**



LANGENBECK
GR295.21
21 cm/8½″



LANGENBECK
GR297.21
22.5 cm/9″



LANGENBECK
GR299.01
21 cm/8¼″



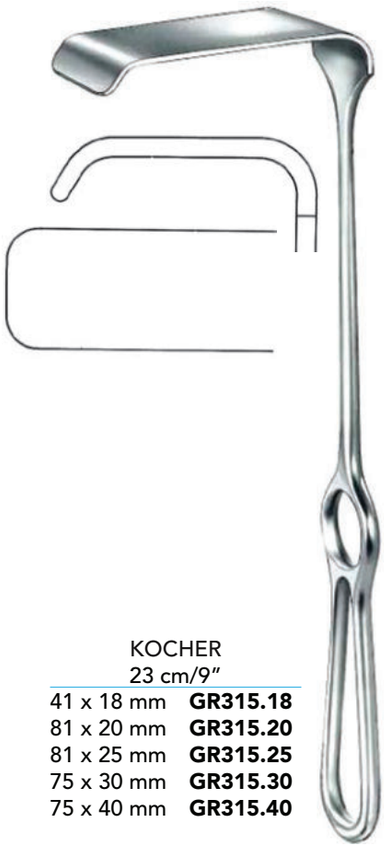
LANGENBECK-GREEN
16 cm/6¼″



LAHEY
GR307.19
19.5 cm/7¾"



LITTLE
GR313.19
20.5 cm/8"



KOCHER
23 cm/9"

41 x 18 mm	**GR315.18**
81 x 20 mm	**GR315.20**
81 x 25 mm	**GR315.25**
75 x 30 mm	**GR315.30**
75 x 40 mm	**GR315.40**



KOCHER-LANGENBECK
21 cm/8½"

26 x 6 mm	**GR317.01**
35 x 8 mm	**GR317.02**
35 x 11 mm	**GR317.03**
35 x 15 mm	**GR317.04**
40 x 11 mm	**GR317.05**
55 x 11 mm	**GR317.06**
70 x 15 mm	**GR317.07**
80 x 13 mm	**GR317.08**
80 x 16 mm	**GR317.09**



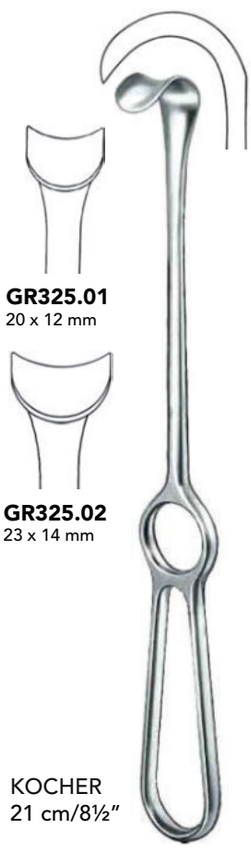
KOCHER-LANGENBECK
21 cm/8½"

25 x 10 mm	**GR319.01**
40 x 13 mm	**GR319.02**
60 x 13 mm	**GR319.03**
40 x 18 mm	**GR319.04**
60 x 18 mm	**GR319.05**
85 x 18 mm	**GR319.06**
60 x 25 mm	**GR319.07**
85 x 25 mm	**GR319.08**



ZENKER

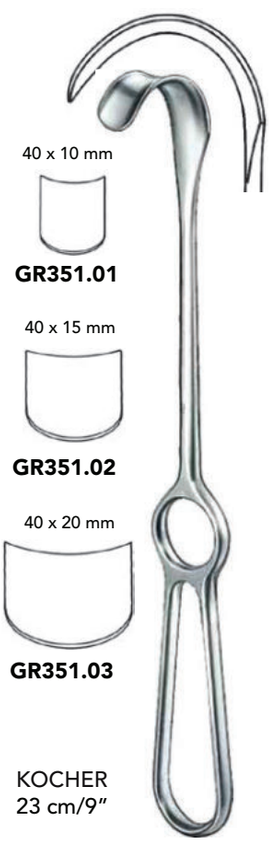
18 cm/7"	10 x 3 mm	**GR321.00**
25 cm/9¾"	35 x 9 mm	**GR321.01**
26 cm/10¼"	60 x 12 mm	**GR321.02**
27 cm/10½"	75 x 12 mm	**GR321.03**
28 cm/11"	85 x 20 mm	**GR321.04**
30.5 cm/12"	100 x 25 mm	**GR321.05**



GR325.01
20 x 12 mm

GR325.02
23 x 14 mm

KOCHER
21 cm/8½"



40 x 10 mm
GR351.01

40 x 15 mm
GR351.02

40 x 20 mm
GR351.03

KOCHER
23 cm/9"



MIDDELDORPF

22 cm/8¾"	15 x 17 mm	**GR361.01**
23 cm/9"	22 x 22 mm	**GR361.02**
24 cm/9½"	26 x 31 mm	**GR361.03**



RICHARDSON
24 cm/9½"

25 x 21 mm	**GR391.01**
30 x 29 mm	**GR391.02**
38 x 40 mm	**GR391.03**

GR381.01

Fig. 1

25 x 20 mm
30 x 28 mm

GR381.02

Fig. 2

43 x 38 mm
63 x 44 mm



RICHARDSON-EASTMAN
GR381.00
27.5 cm/10¾"

48 x 22 mm



RICHARDSON
GR395.24
24 cm/9½"

62 x 50 mm



KELLY
GR397.26
26 cm/10¼"



KOCHER
25.0 cm/10"

78 x 45 mm	**GR471.01**
78 x 55 mm	**GR471.02**
78 x 65 mm	**GR471.03**



DOYEN-STILLE

25 cm/9¾"	87 x 28 mm	**GR401.01**
26 cm/10¼"	97 x 31 mm	**GR401.02**
26 cm/10¼"	117 x 52 mm	**GR401.03**

HOESEL

26 cm/10¼"

63 x 21 mm	**GR405.01**
83 x 30 mm	**GR405.02**
100 x 30 mm	**GR405.03**
120 x 30 mm	**GR405.04**
140 x 30 mm	**GR405.05**
140 x 40 mm	**GR405.06**

MIDDELDORPF

28 cm/11"

43 x 45 mm	**GR441.01**
52 x 50 mm	**GR441.02**
52 x 70 mm	**GR441.03**



FRITSCH

23.5 cm/¼"	35 x 30 mm	**GR452.00**
24.0 cm/ 9½"	33 x 40 mm	**GR452.01**
25.0 cm/9¾"	40 x 50 mm	**GR452.02**
25.0 cm/9¾"	45 x 63 mm	**GR452.03**
25.5 cm/10"	45 x 75 mm	**GR452.04**
25.5 cm/10"	53 x 85 mm	**GR452.05**



DOYEN
GR461.25 45 x 88 mm
24 cm/9½"
GR1000.78 78 x 82 mm
26 cm/10¼"



KOCHER
GR469.22
23.5 cm/9¼"



MARTIN
GR501.25
26.5 cm/10½"



SIMON
28 cm/11″
115 x 22 mm **GR505.28**
115 x 28 mm **GR507.28**



CORYLLOS
24 cm/9½″
80 x 22 mm **GR537.01**
108 x 43 mm **GR537.02**
119 x 65 mm **GR537.03**



SAUERBRUCH
GR551.25
25.5 cm/10″



BRUNNER
25.5 cm/10″

80 x 20 mm	**GR558.08**
100 x 25 mm	**GR558.10**
120 x 25 mm	**GR558.12**
130 x 30 mm	**GR558.13**
140 x 30 mm	**GR558.14**
160 x 30 mm	**GR558.16**
180 x 30 mm	**GR558.18**



BRUNNER
25.5 cm/10″

80 x 20 mm	**GR559.08**
100 x 20 mm	**GR559.10**
120 x 25 mm	**GR559.12**
140 x 25 mm	**GR559.14**
160 x 30 mm	**GR559.16**
180 x 30 mm	**GR559.18**



SAUERBRUCH
22.5 cm/8¾″

45 x 15 mm	**GR561.01**
60 x 23 mm	**GR561.02**
72 x 20 mm	**GR561.03**

Right

48 x 48



COOLEY
GR593.01
25 cm/9¾"

Right serrated

48 x 48



COOLEY
GR593.02
25 cm/9¾"

Left

30 x 48



COOLEY
GR593.03
27.5 cm/10¾"

80 x 54 mm



DAVIDSON
GR545.01
19 cm/7½"

75 x 93 mm



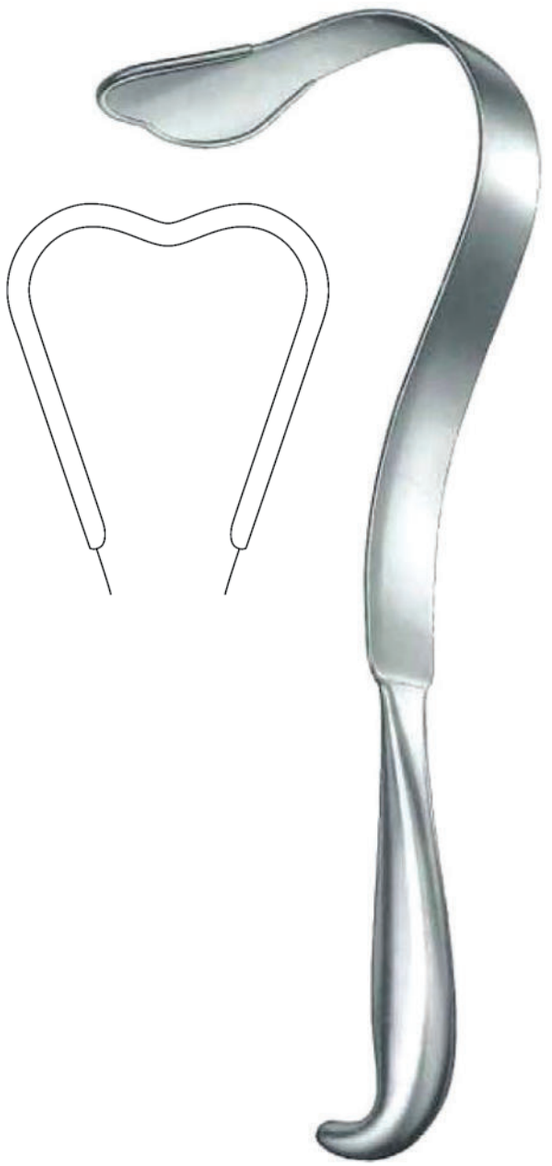
DAVIDSON
GR545.02
19 cm/7½"



POLLOSON
GR577.27
29 cm/11½"



POLLOSON
GR579.27
26 cm/10¼"



HARRINGTON

32.5 cm/13"	137 x 44 mm	**GR581.01**
33 cm/13¼"	137 x 65 mm	**GR581.02**



DEAVER
GR591.01
18 cm/7″

DEAVER
GR591.02
21.5 cm/8½″

DEAVER
GR591.03
26 cm/10¼″

DEAVER
GR591.04
30.5 cm/12″

DEAVER
GR591.05
33.5 cm/13½″

DEAVER
GR591.06
34.5 cm/13¾″



DEAVER
GR591.07
32 cm/12¾"



DEAVER
GR591.08
31.5 cm/12¾"

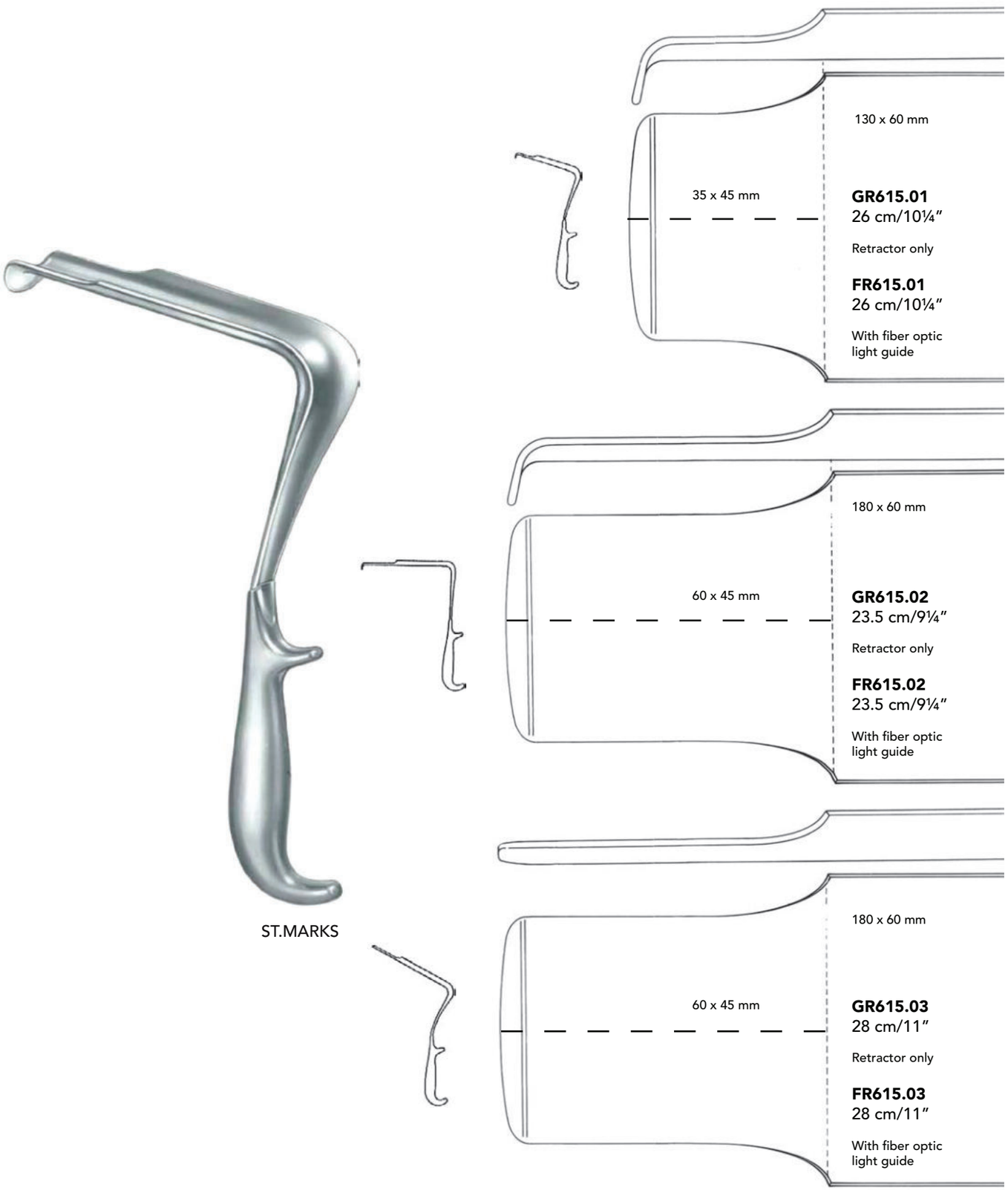


DEAVER
GR591.09
31.5 cm/12¾"



DEAVER

31.5 cm/12¾"	25 mm	**GR592.04**
31.5 cm/12¾"	38 mm	**GR592.07**
31.5 cm/12¾"	50 mm	**GR592.08**
32.5 cm/13"	100 mm	**GR592.10**


130 x 60 mm
35 x 45 mm
GR615.01
26 cm/10¼"
Retractor only
FR615.01
26 cm/10¼"
With fiber optic light guide
180 x 60 mm
60 x 45 mm
GR615.02
23.5 cm/9¼"
Retractor only
FR615.02
23.5 cm/9¼"
With fiber optic light guide
ST.MARKS
180 x 60 mm
60 x 45 mm
GR615.03
28 cm/11"
Retractor only
FR615.03
28 cm/11"
With fiber optic light guide



CZERNY
GR1001.22
17.5 cm



MIKULICZ
25 cm/9¾"
90 x 35 mm **GR603.01**
125 x 50 mm **GR603.02**
160 x 50 mm **GR603.03**



MIKULICZ
GR607.26
26 cm/10¼"



KELLY
28 cm/11"
205 x 38 mm **GR611.01**
210 x 57 mm **GR611.02**
26 cm/10¼"
150 x 57 mm **GR1001.22**



CLOWARD
GR1000.23 18 mm
GR1000.24 20 mm
GR1000.25 23 mm
18 cm



45 mm



KUEMMEL
GR621.28
31 cm/12¼"



KADER
28 cm/11"

20 mm



GR623.20

30 mm



GR623.30

40 mm



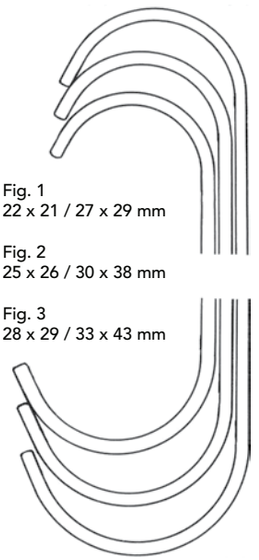
GR623.40



Fig. 1
22 x 21 / 27 x 29 mm

Fig. 2
25 x 26 / 30 x 38 mm

Fig. 3
28 x 29 / 33 x 43 mm



ROUX
14.5 cm/5¾" **GR655.01**
16.0 cm/6¼" **GR655.02**
17.0 cm/6¾" **GR655.03**

ROUX
GR655.00
17 cm/6¾"

Set of 2

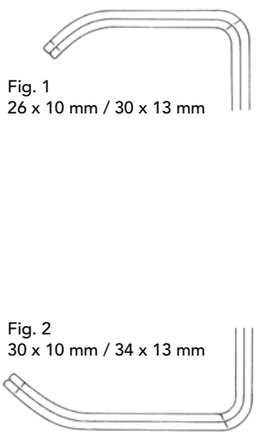


COLLIN-HARTMANN
GR652.01
15 cm/6"



Fig. 1
26 x 10 mm / 30 x 13 mm

Fig. 2
30 x 10 mm / 34 x 13 mm



FARABEUF
Fig. 1 **GR663.01**
Fig. 2 **GR663.02**

FARABEUF
GR663.00
12 cm/4¾"

Set of 2



Fig. 1
28 x 24 mm
43 x 24 mm
17 cm

Fig. 2
28 x 28 mm
46 x 28 mm
19 cm

ROUX
Fig. 1 **GR1001.06**
Fig. 2 **GR1001.00**



6 x 7 mm

7 x 8 mm

ROUX-MINI
GR667.06
14.5 cm/5¾"



17 x 17 mm

24 x 21 mm

ROUX-BABY
GR669.13
12.5 cm/5"

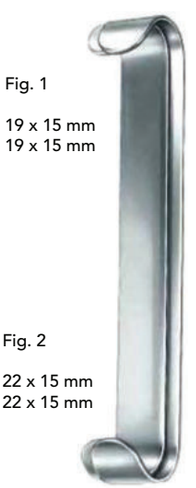


Fig. 1
19 x 15 mm
19 x 15 mm

Fig. 2
22 x 15 mm
22 x 15 mm

PARKER
Fig. 1 **GR673.01**
Fig. 2 **GR673.02**

PARKER
GR673.00
14 cm/5½"

Set of 2



PARKER
Fig. 1 **GR674.01**
Fig. 2 **GR674.02**



Fig. 1
26 x 25 mm
27 x 15 mm

Fig. 2
29 x 25 mm
27 x 25 mm

PARKER
GR674.00
18.5 cm/7¼"

Set of 2

28 x 29 mm



½

33 x 44 mm

ROUX
GR1000.84
17 cm



MATHIEU
GR683.00
20 cm/8"

Fig. 1

42 x 13 mm / 42 x 26 mm

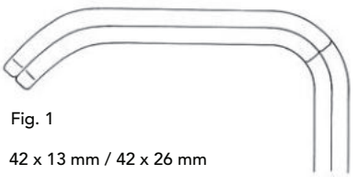
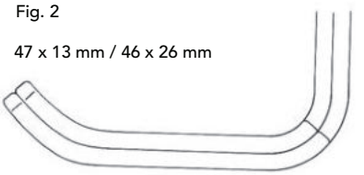


Fig. 2

47 x 13 mm / 46 x 26 mm



MATHIEU
Fig. 1 **GR683.01**
Fig. 2 **GR683.02**



PARKER-LANGENBECK
GR687.00
21.5 cm/8½"

Set of 2

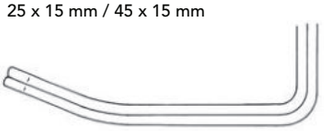
Fig. 1

21 x 15 mm / 40 x 15 mm



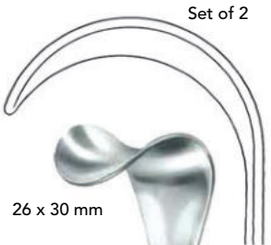
Fig. 2

25 x 15 mm / 45 x 15 mm



PARKER-LANGENBECK
Fig. 1 **GR687.01**
Fig. 2 **GR687.02**

Set of 2



26 x 30 mm



GOELET
GR695.00
19 cm/7½"

35 x 40 mm

30 x 13 mm



½

LANE
GR1001.07
23 cm

35 x 19 mm



FARABEUF
GR665.00
15.5 cm/6"

Set of 2

Fig. 1

23 x 16 mm / 26 x 16 mm

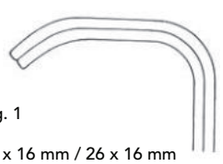
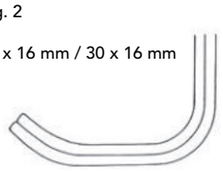


Fig. 2

27 x 16 mm / 30 x 16 mm



FARABEUF
Fig. 1 **GR665.01**
Fig. 2 **GR665.02**



Fig. 1
21 x 24 mm
68 x 24 mm
GR675.01

Fig. 2
21 x 24 mm
72 x 24 mm
GR675.02

PARKER-MOTT
GR675.00
16 cm/6¼"
Set of 2

Malleable



33 cm/13″

30 mm	**GR963.01**
40 mm	**GR963.02**
50 mm	**GR963.03**

Tapered



HABERER

20 cm/8″	16 x 25 mm	**GR971.00**
28 cm/11″	25 x 30 mm	**GR971.01**
30 cm/12″	37 x 45 mm	**GR971.02**



RIBBON
20 cm/8″

6.5 mm	**GR975.06**
9.5 mm	**GR975.09**
13 mm	**GR975.13**
16 mm	**GR975.16**
19 mm	**GR975.19**
25 mm	**GR975.25**

17 mm



25 mm

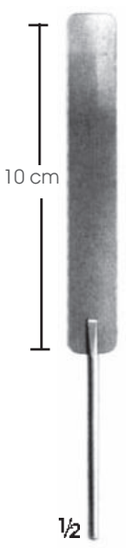
TUFFIER
25 mm **GR1200.77**
Bükülebilir/Malleable
20 cm



HEIFETZ

GR1000.48	8 mm
GR1000.49	11 mm
GR1000.50	14 mm
GR1000.51	17 mm
GR1000.52	20 mm

Bükülebilir/Malleable
20 cm



HEIFETZ

GR1000.58	8 mm
GR1000.59	11 mm
GR1000.60	14 mm
GR1000.61	17 mm

Bükülebilir/Malleable
15.5 cm



GR1000.53	7 mm
GR1000.54	9 mm
GR1000.55	12 mm
GR1000.56	15 mm
GR1000.57	17 mm

Bükülebilir/Malleable
18 cm



OLIVECRONA

GR1000.62	7 + 9 mm
GR1000.63	11 + 13 mm
GR1000.64	15 + 18 mm
GR1000.65	18 + 22 mm

Esneyebilir/Flexible
18 cm



GR1000.66	7 + 9 mm
GR1000.67	11 + 13 mm
GR1000.68	15 + 18 mm
GR1000.69	18 + 22 mm

Bükülebilir/Malleable
18 cm



AACHEN

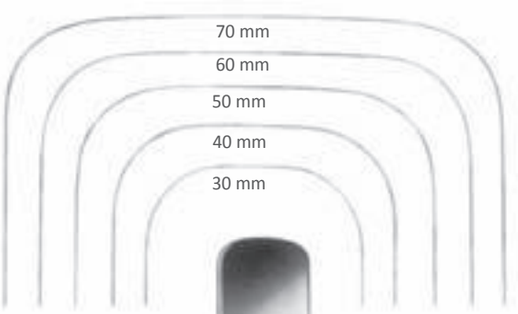
NU1000.41	7 + 8 mm
NU1000.42	10 + 11 mm
NU1000.43	13 + 14 mm
NU1000.44	16 + 17 mm
NU1000.45	19 + 20 mm
NU1000.46	22 + 25 mm

Bükülebilir/Malleable
20 cm



12-25 mm

GR1001.05 200 x 12 mm
GR1000.71 200 x 17 mm
GR1000.72 250 x 25 mm
Bükülebilir/Malleable





GR1200.78 30 mm
GR1200.79 40 mm
GR1200.80 50 mm
GR1200.81 60 mm
GR1200.82 70 mm
Bükülebilir/Malleable
41 cm



45 mm
REVERDIN
GR1000.21
28.5 cm

Malleable soft



46 mm
REVERDIN
GR1200.76
29 cm



28 mm

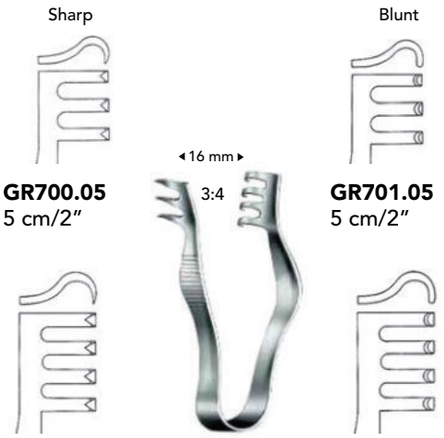
KOCHER
GR1000.98
Kaşık şeklinde bastırıcı
Depressor, spoon shaped
22 cm

insided

GR

SELF-RETAINING RETRACTORS





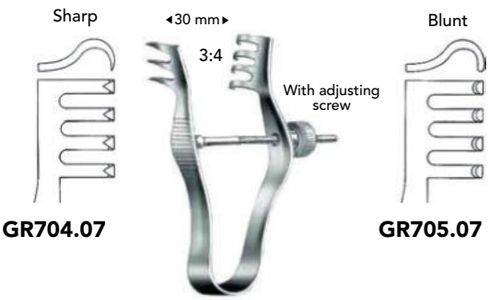
GR700.05
5 cm/2″

GR701.05
5 cm/2″

GR702.07
7 cm/2¾″

FINSEN

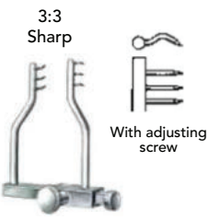
GR703.07
7 cm/2¾″



GR704.07

FINSEN
7 cm/2¾″

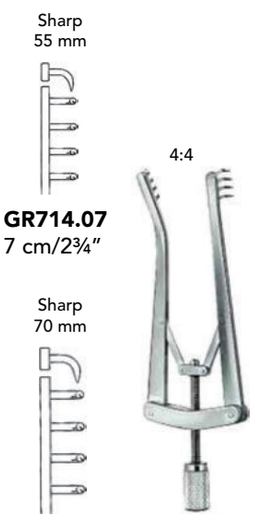
GR705.07



LOGAN
GR708.04
4 cm/1¾″



BUCKLEY
GR710.06
6 cm/2¼″



GR714.07
7 cm/2¾″

GR714.10
10 cm/4″

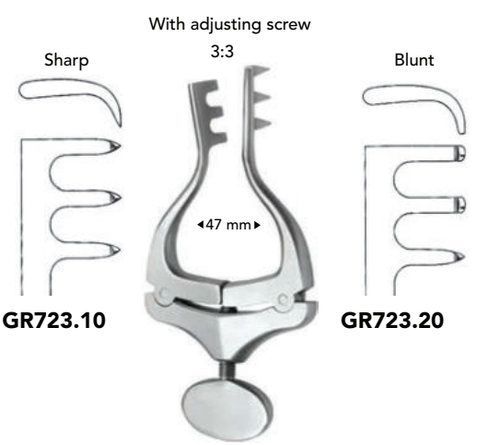
ALM

GR715.07
7 cm/2¾″

GR715.10
10 cm/4″



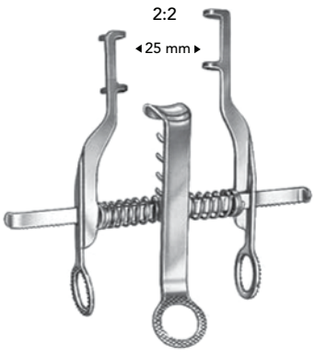
KAUPP
GR717.10
10 cm/4″



GR723.10

GR723.20

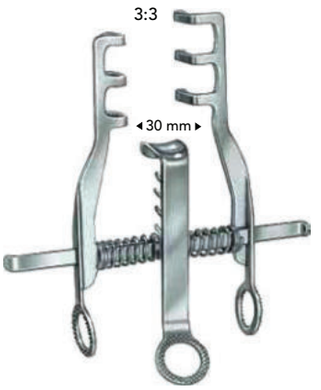
JANSEN
10 cm/4″



VICKERS
GR792.00
6 cm/2½"

Complete, with
central blade
10 x 18 mm

Low-profile



VICKERS
GR793.00
9 cm/3½"

Complete, with
central blade
10 x 18 mm



VICKERS
GR794.00
7.5 cm/3"

Complete, with
central blade
10 x 18 mm

GR794.90
Spring

GR792.01
10 x 18 mm

GR792.02
10 x 12 mm

Central blades

Blunt, ring modell,
for thumb & fingers



VICKERS
GR798.01
5 cm/3"

Thyroid and vaginal retractor



JOLL
GR801.00
15.5 cm/6¼"



GELPI
GR802.13
13 cm/5¼"



GELPI
GR802.18 18 cm/7"
GR1001.28 16 cm/6¼"



GELPI
GR804.18
18.5 cm/7¼"



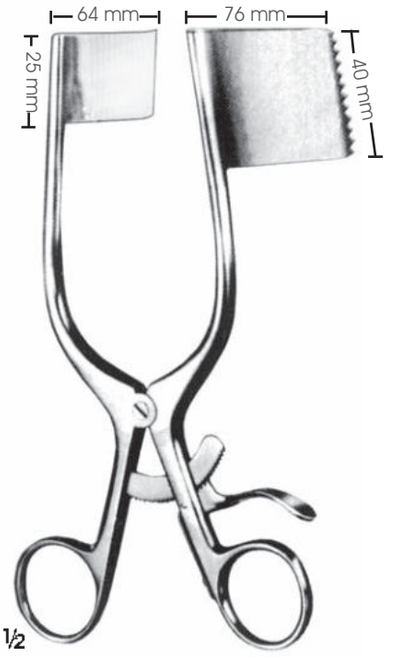
MEYERDING

Sağ bleyd/Right blade
18 cm



MEYERDING

Sol bleyd/Left blade
18 cm

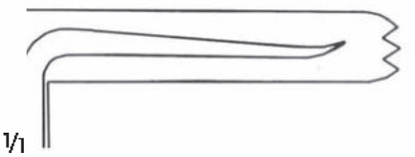


DARLING
GR1000.43 RIGHT
GR1000.44 LEFT
18 cm



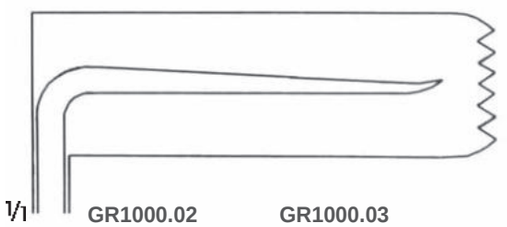
GR1000.00
Sol bleyd
Left blade

GR1000.01
Sağ bleyd
Right blade



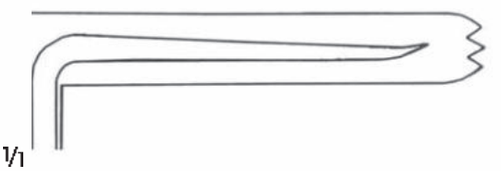
GR1000.06
Sol bleyd
Left blade

GR1000.07
Sağ bleyd
Right blade



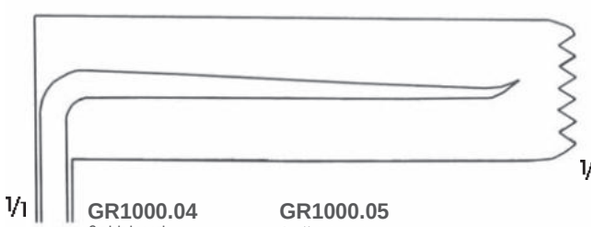
GR1000.02
Sol bleyd
Left blade

GR1000.03
Sağ beyd
Right blade



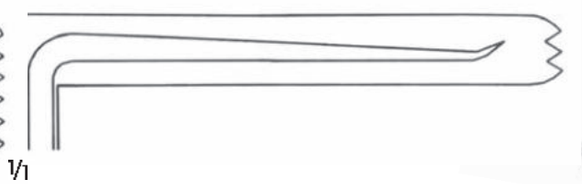
GR1000.08
Sol bleyd
Left blade

GR1000.09
Sağ bleyd
Right blade



GR1000.04
Sol bleyd
Left blade

GR1000.05
Sağ bleyd
Right blade



GR1000.10
Sol bleyd
Left blade

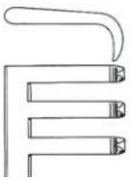
GR1000.11
Sağ bleyd
Right blade



MEYERDING
GR1000.12
18 cm

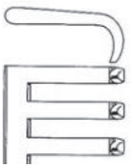


sharp



GR747.11

blunt



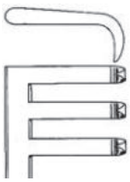
GR749.11

2:3



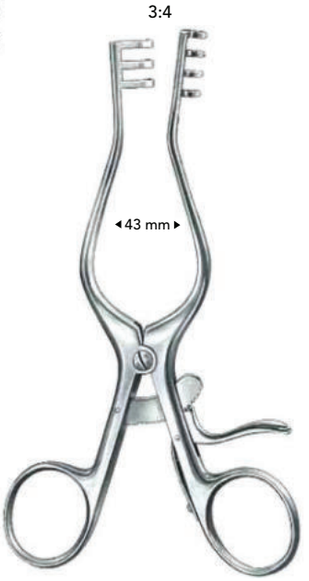
WEITLANER
11 cm/4¼"

semi-sharp



GR748.11

3:4



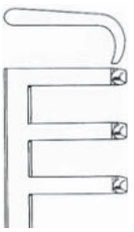
WEITLANER

Sharp



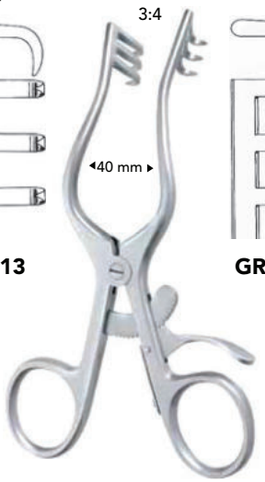
GR752.13

Blunt

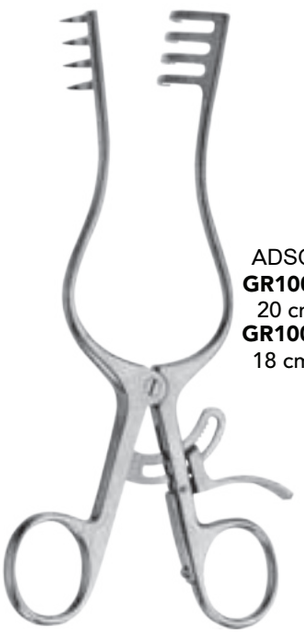


GR753.13

3:4



WEITLANER-WULLSTEIN
13 cm/5"

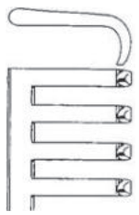


ADSON
GR1001.25
20 cm/8"
GR1001.27
18 cm/7"



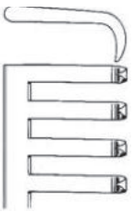
WEITLANER

Sharp



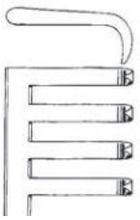
GR750.13
13.5 cm/5¼"

Semi-sharp

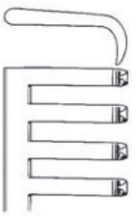


GR750.14
13.5 cm/5¼"

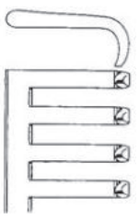
Blunt



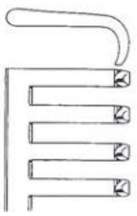
GR751.13
13.5 cm/5¼"



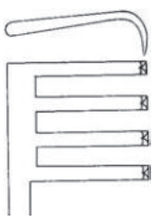
GR750.16
16 cm/6¼"



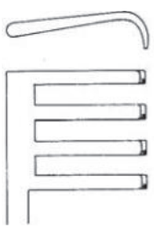
GR750.17
16 cm/6¼"



GR751.16
16 cm/6¼"

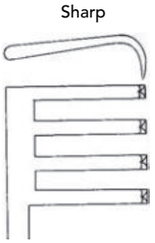


NU500.42
18 cm/7"

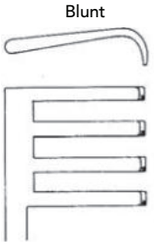


NU500.43
18 cm/7"

Sharp



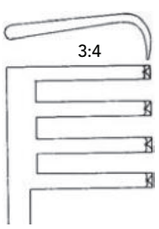
Blunt



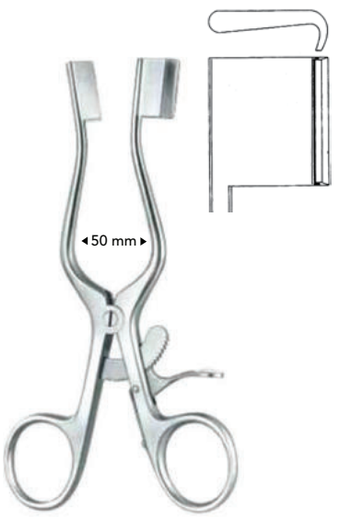
	Teeth	Sharp	Blunt
20 cm/8"	3:4	**GR734.20**	**GR735.20**
24 cm/9½"	3:4	**GR734.24**	**GR735.24**
25.5 cm/10"	5:6	**GR734.26**	**GR735.26**

Semi-sharp

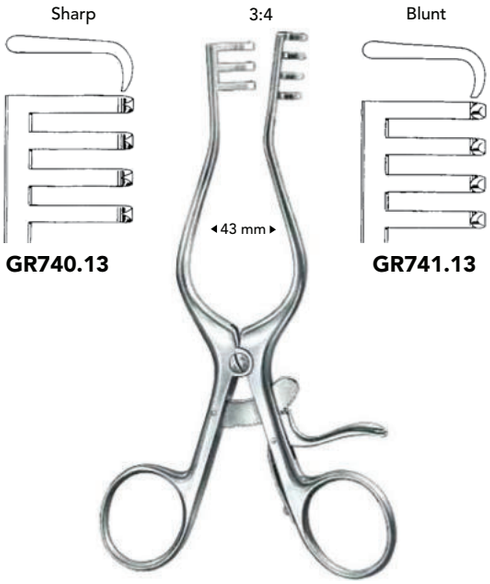
3:4



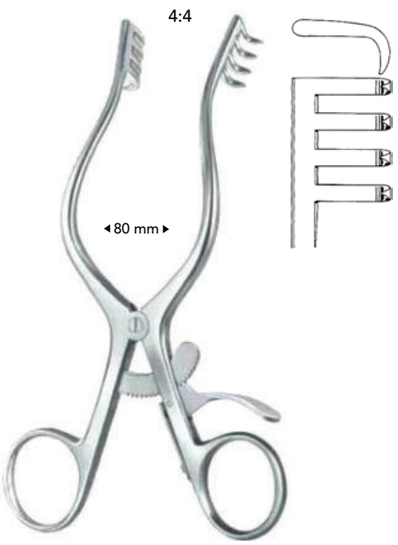
	Semi-Sharp
20 cm/8"	**GR734.21**
24 cm/9½"	**GR734.25**



WEITLANER-BABY
GR767.13
13.5 cm/5¼"

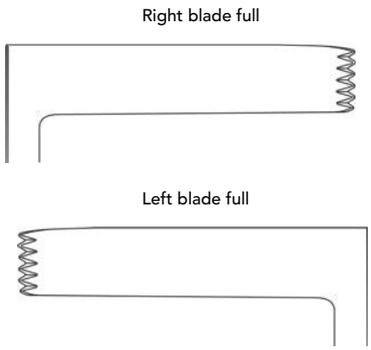


13 cm/5"



MOLLISON
GR754.15
15.5 cm/6"





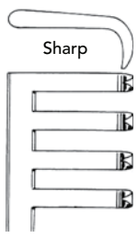
	Right blade full	Left blade full
50 x 10 mm	**GR761.05**	**GR762.05**
60 x 10 mm	**GR761.06**	**GR762.06**
70 x 10 mm	**GR761.07**	**GR762.07**

WILLIAMS
17 cm/6¾"

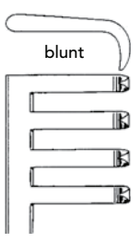


HENLEY
16.5 cm/6½"

Complete with 3 central blades



GR769.00



GR768.00



Spare central Blades for HENLEY

18 x 17 mm	**GR768.19**
25 x 17 mm	**GR768.25**
32 x 17 mm	**GR768.32**

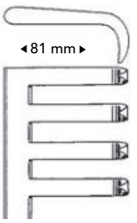


3:4

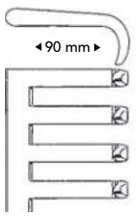


ADSON

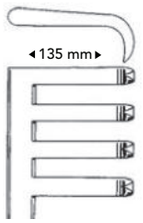
Sharp



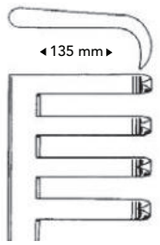
GR770.13
14 cm/5½"



GR770.16
16 cm/6¼"

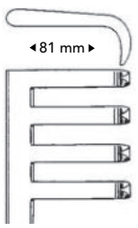


GR770.20
21 cm/8¼"

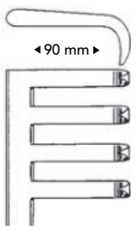


GR770.26
24.5 cm/9¾"

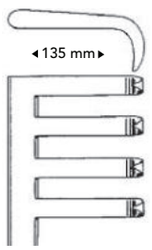
Blunt



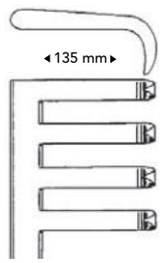
GR771.13
14 cm/5½"



GR771.16
16 cm/6¼"

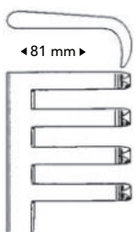


GR771.20
21 cm/8¼"

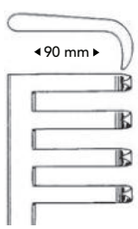


GR771.26
24.5 cm/9¾"

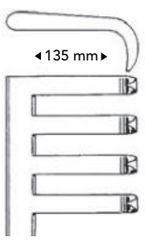
Semi-sharp



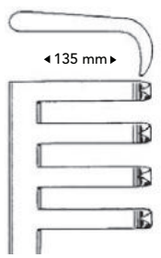
GR772.13
14 cm/5½"



GR772.16
16 cm/6¼"

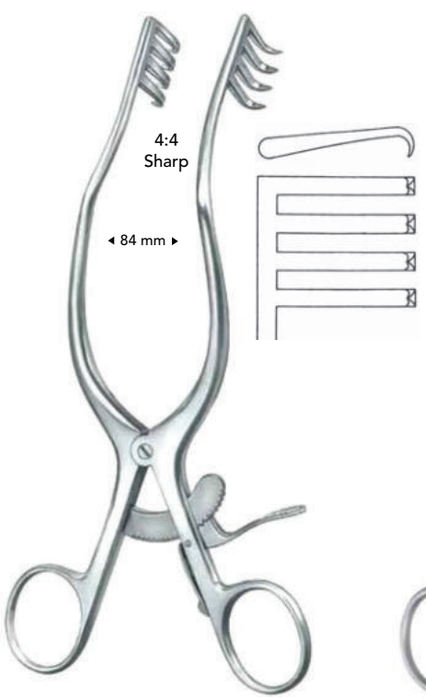


GR772.20
21 cm/8¼"



GR772.26
24.5 cm/9¾"

4:4
Sharp



ANDERSON-ADSON
GR732.20
19 cm/7½"

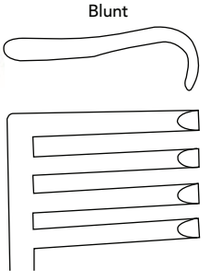
Extra deep

3:4



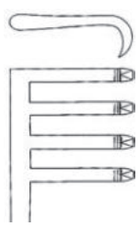
ADSON
GR773.13
14 cm/5½"

Blunt



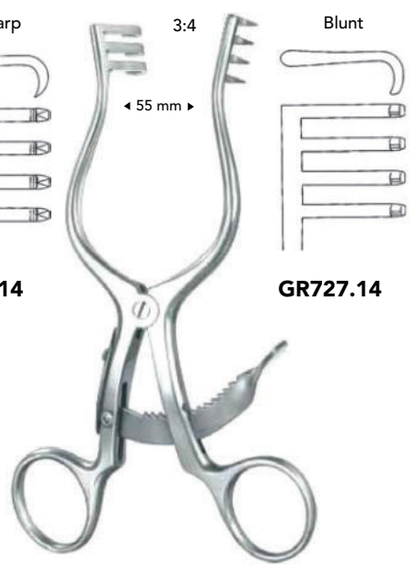
Scalp-counter retractor

Sharp



GR725.14

3:4



13.5 cm/5¼"

Blunt

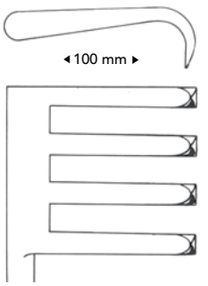
GR727.14

6:6



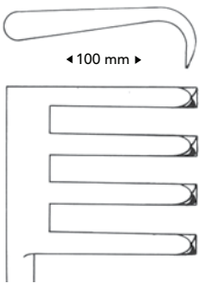
ADSON

Sharp
3:4



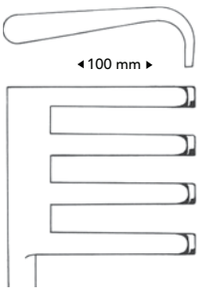
GR736.26
26 cm/10¼"

Semi-sharp
3:4



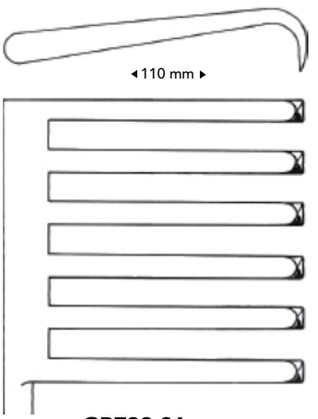
GR736.27
26 cm/10¼"

Blunt
3:4



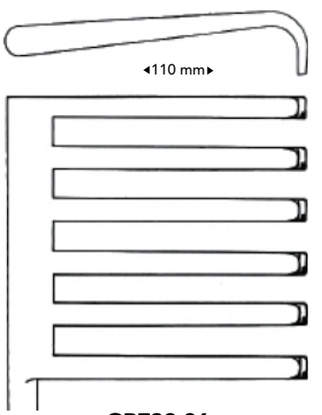
GR737.26
26 cm/10¼"

Sharp
6:6



GR738.26
29 cm/11½"

Blunt
6:6



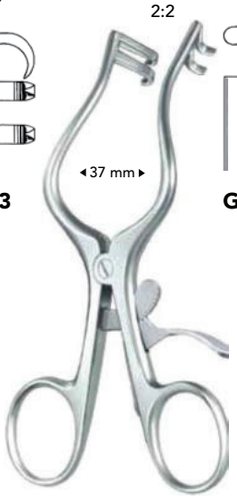
GR739.26
29 cm/11½"

Sharp



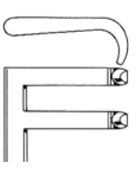
GR756.13

2:2



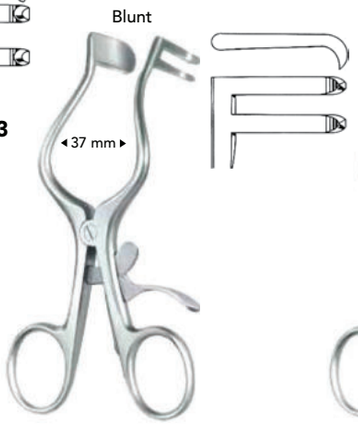
PLESTER
13 cm/5"

Blunt



GR755.13

Blunt



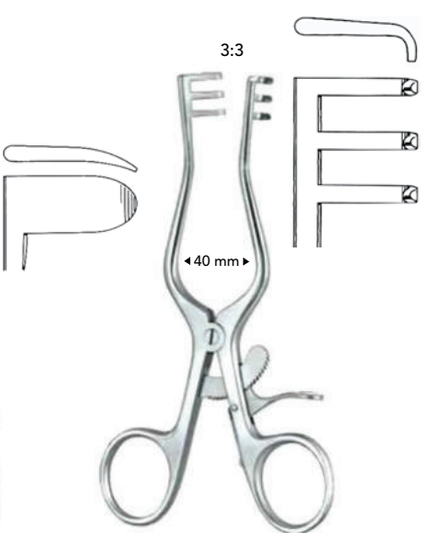
PLESTER
GR757.11
10.5 cm/4¼"

Blunt



PLESTER
GR759.11
10.5 cm/4¼"

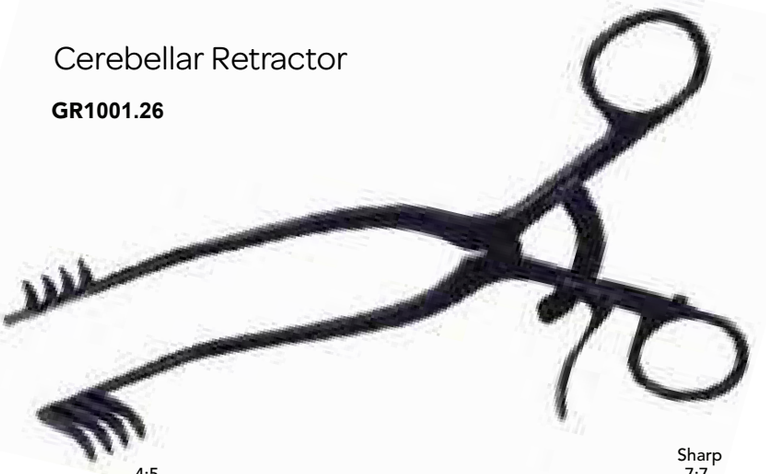
3:3



MILLIGAN
GR765.13
13.5 cm/5¼"

Cerebellar Retractor

GR1001.26



4:4



BECKMANN

32 cm/12¾"	Sharp	**GR776.31**
31.5 cm/12½"	Semi-Sharp	**GR776.32**

4:5



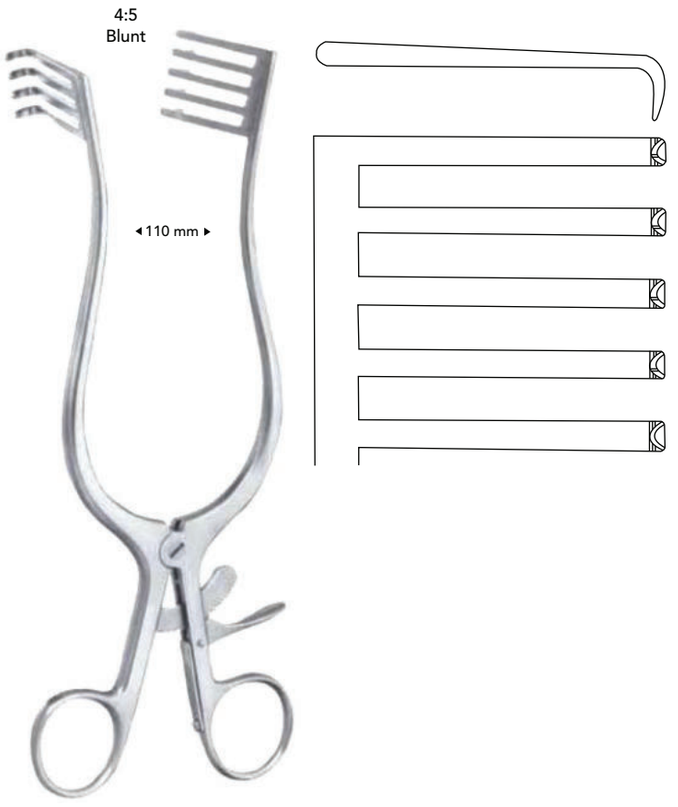
ADSON

	Sharp	Semi-Sharp
33 cm/13"	**GR777.32**	**GR777.33**

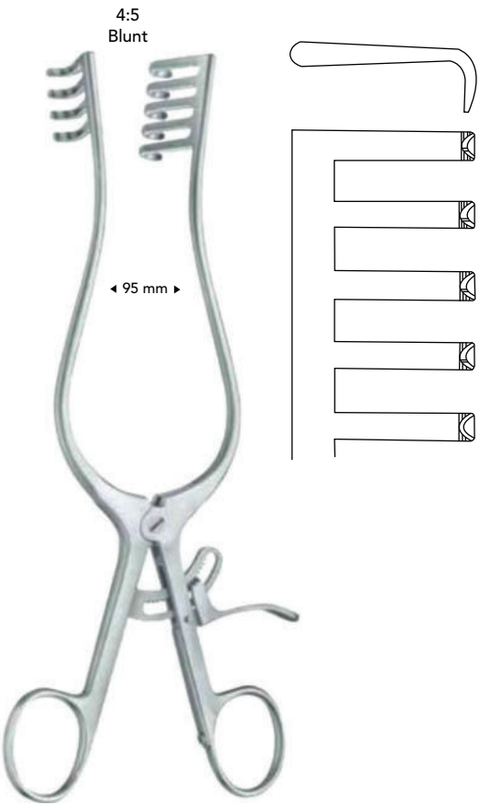
Sharp
7:7



BECKMAN-EATON
GR778.32
32 cm/12¾"



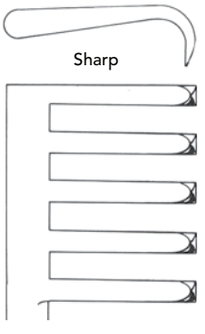
NORFOLK-NORWICH
GR733.22
21.5 cm/8¼"



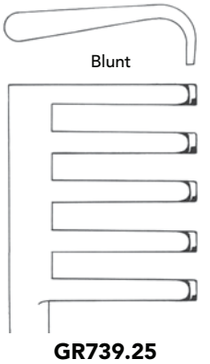
TRAVERS
GR733.21
21.5 cm/8¼"



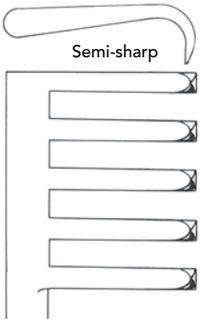
25.5 cm/10"



GR738.25



GR739.25



GR738.27



HARTMANN
GR767.00
26 cm/10¼"

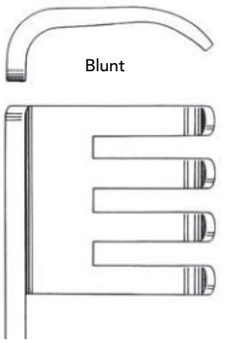


GR767.01
30 x 15 mm

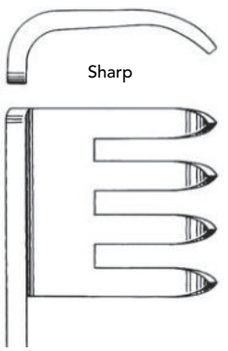


4:4

BECKMAN-ADSON
31 cm/12¼"



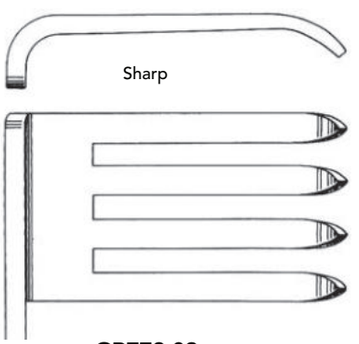
GR778.00
31 cm/12½"



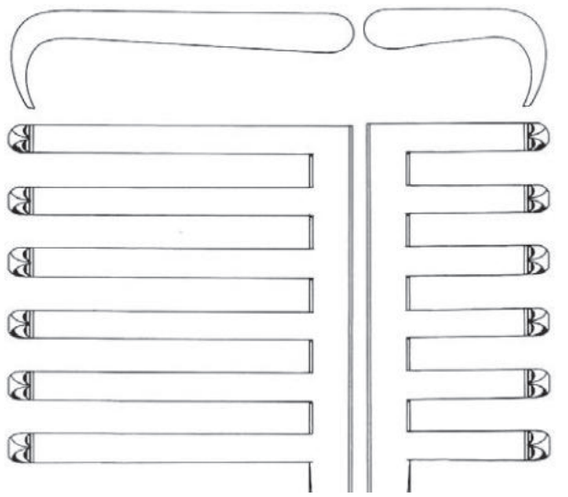
GR778.01
31 cm/12½"



GR778.02
30.5 cm/12¼"



GR778.03
30.5 cm/12¼"



Sharp
6:6



MARTIN
28.5 cm/13"

GR790.01 Long teeth on left

GR790.02 Long teeth on right



GR804.18S
17 cm



GR1000.99 Sağ/Right
18 cm



GR1000.99L Sol/Left
18 cm



CLOWARD
GR774.00

Complete set with 2 blades each
GR774.40 - GR774.60

GR774.25
25 cm/10"

Spreader only

Toothed



GR774.40
4.0 cm/1½"



GR774.45
4.5 cm/1¾"



GR774.50
5.0 cm/2"



GR774.55
5.5 cm/2¼"



GR774.60
6.0 cm/2½"



CLOWARD
GR775.00

Complete set with 2 blades each
GR775.40 - GR775.60

GR775.15
15 cm/6"

Spreader only

Smooth



GR775.40
4.0 cm/1½"



GR775.45
4.5 cm/1¾"



GR775.50
5.0 cm/2



GR775.55
5.5 cm/2¼"



GR775.60
6.0 cm/2½"



GR906.81
Frame only

SCOVILLE
GR906.80
22 cm/8¾"

Complete set consisting of:
hook only **GR906.01** frame only **GR906.81**
& blades **GR906.11**



GR906.91
Frame only

SCOVILLE-HAVERFIELD
GR906.90
22 cm/8¾"

Complete set consisting of:
hook only **GR906.01** frame only **GR906.91**
& blades **GR906.11**

Hooks



GR906.01
5 cm/2"
50 mm, deep, blunt



GR906.02
7 cm/2¾"
70 mm, deep, blunt



GR906.06
5 cm/2"
50 mm, deep, sharp



GR906.07
7 cm/2¾"
70 mm, deep, sharp



Toothed

GR906.11	60 x 25 mm
GR906.12	61 x 50 mm
GR906.13	86 x 25 mm



Sharp

GR906.41	48 x 50 mm
GR906.42	64 x 50 mm
GR906.43	64 x 64 mm
GR906.44	80 x 57 mm



Sharp

GR906.46	44 x 38 mm
GR906.47	67 x 44 mm



Complete with 2 pair of lateral blades

GR839.18
18 x 40 mm

GR839.27
27 x 40 mm

COLLIN-BABY
GR820.00
18 cm/7″



GR839.38
38 x 60 mm

Complete with 1 pair of lateral blades

COLLIN
GR822.22
20 cm/8″



GR823.90

Central blade
38 x 55 mm

COLLIN
GR824.00
20 cm/8″

Complete, with 1 pair of lateral blades **GR839.45**

and central blade **GR823.90**

COLLIN
GR823.00
20 cm/8″



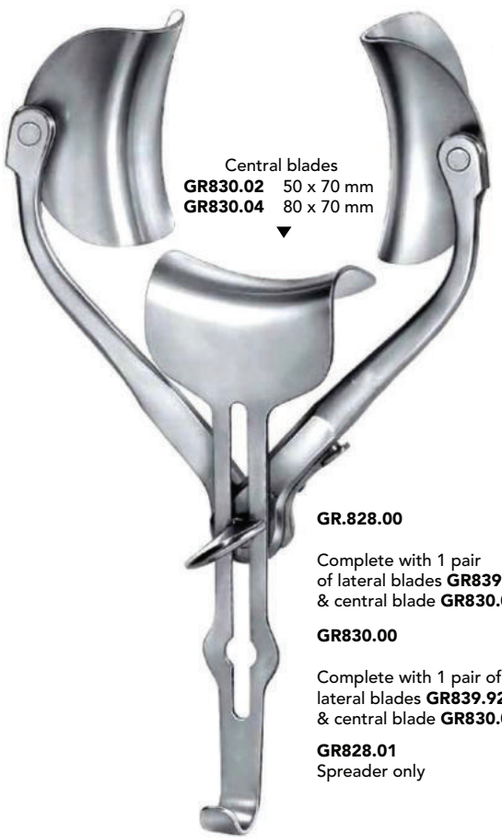
GR826.90

Central blade
60 x 75 mm

COLLIN
GR815.00
31 cm/12¼″

GR839.60
60 x 80 mm

Complete with 1 pair of lateral blades



Central blades
GR830.02 50 x 70 mm
GR830.04 80 x 70 mm

GR.828.00

Complete with 1 pair of lateral blades **GR839.90** & central blade **GR830.02**

GR830.00

Complete with 1 pair of lateral blades **GR839.92** & central blade **GR830.04**

GR828.01
Spreader only

RICARD

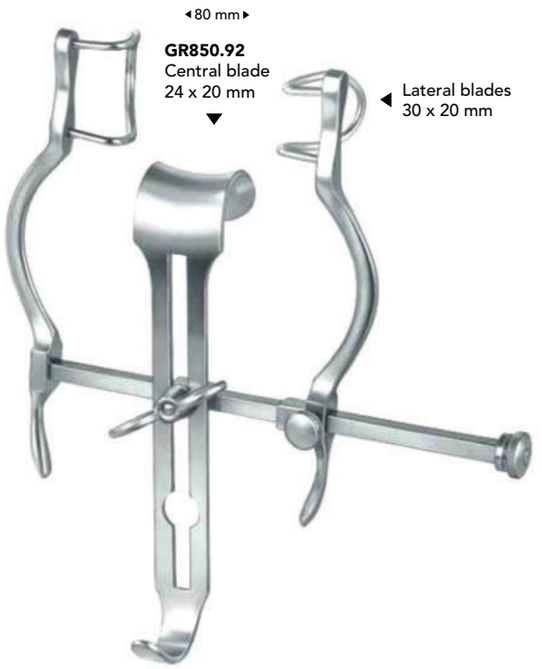
Lateral blades (pairs)



18 x 40 mm	**GR839.18**
27 x 40 mm	**GR839.27**
38 x 60 mm	**GR839.38**
48 x 90 mm	**GR839.45**
60 x 80 mm	**GR839.60**

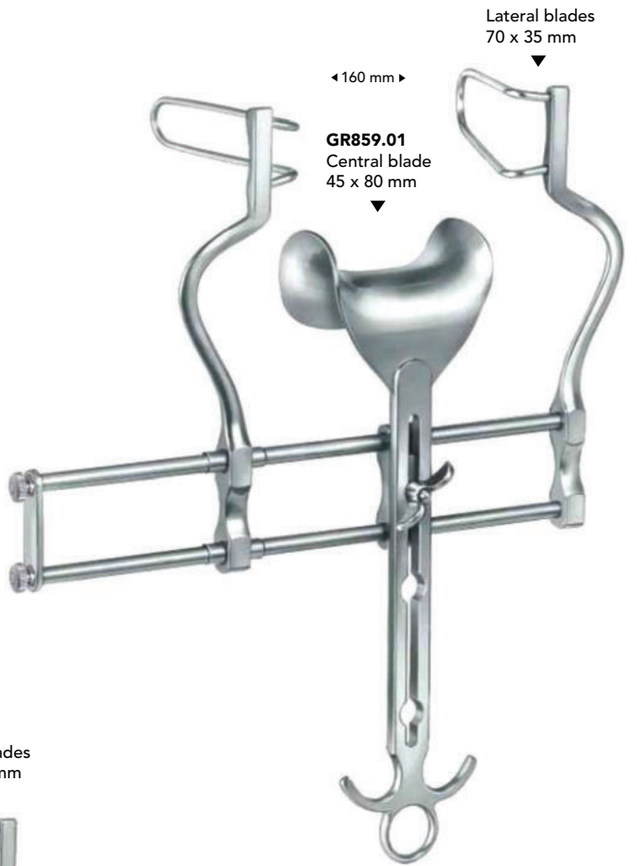


50 x 70 mm	**GR839.50**
52 x 110 mm	**GR839.52**
70 x 55 mm	**GR839.70**
50 x 58 mm	**GR839.90**
60 x 80 mm	**GR839.92**
72 x 85 mm	**GR839.94**
100 x 120 mm	**GR839.100**



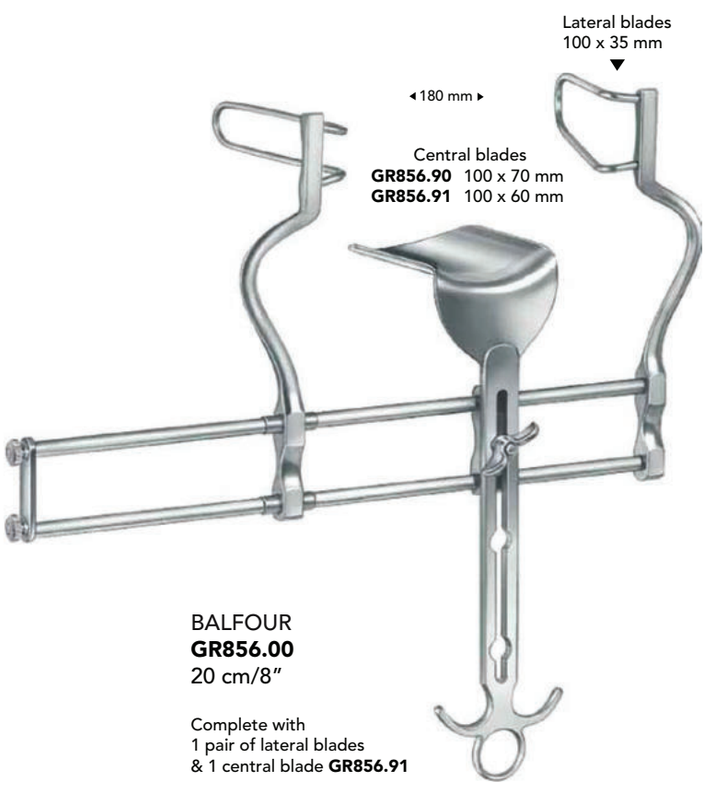
BALFOUR-BABY
GR850.00
12.5 cm/5"

Complete with
1 pair of lateral blades
& 1 central blade



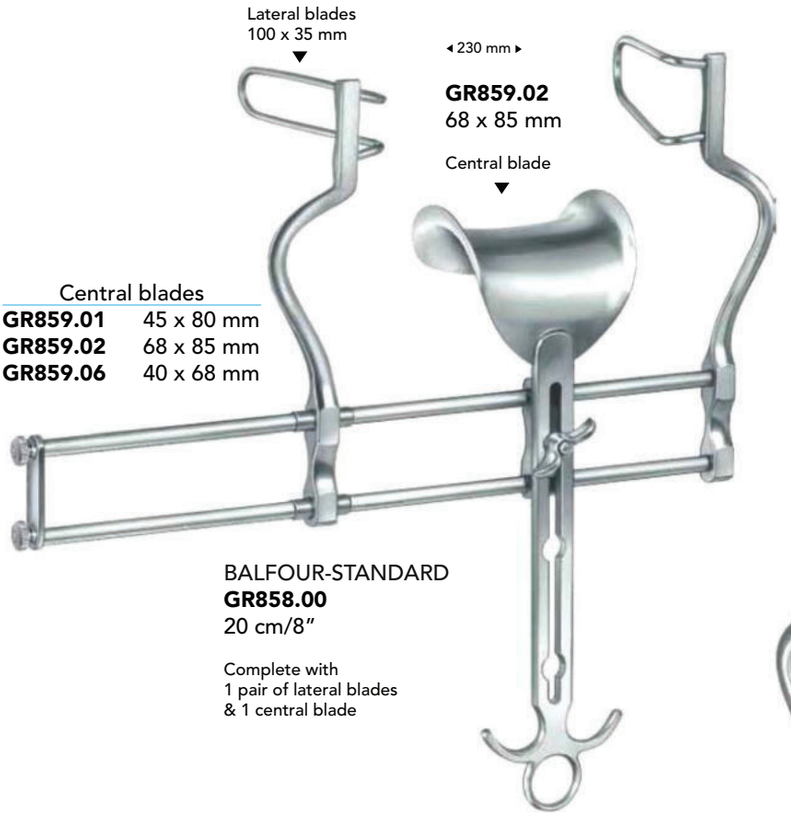
BALFOUR
GR852.00
20 cm/8"

Complete with
1 pair of lateral blades
& 1 central blade



BALFOUR
GR856.00
20 cm/8"

Complete with
1 pair of lateral blades
& 1 central blade **GR856.91**



Central blades

GR859.01	45 x 80 mm
GR859.02	68 x 85 mm
GR859.06	40 x 68 mm

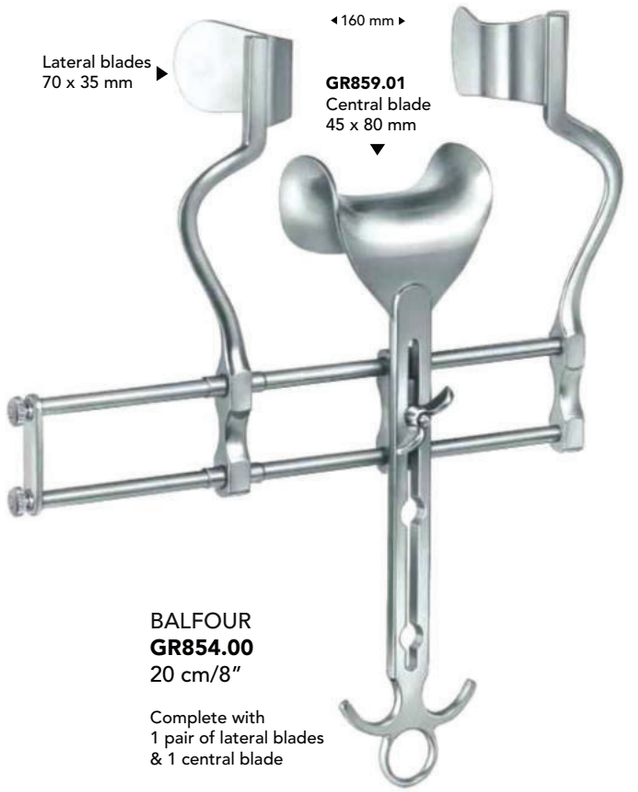
BALFOUR-STANDARD
GR858.00
20 cm/8"

Complete with
1 pair of lateral blades
& 1 central blade



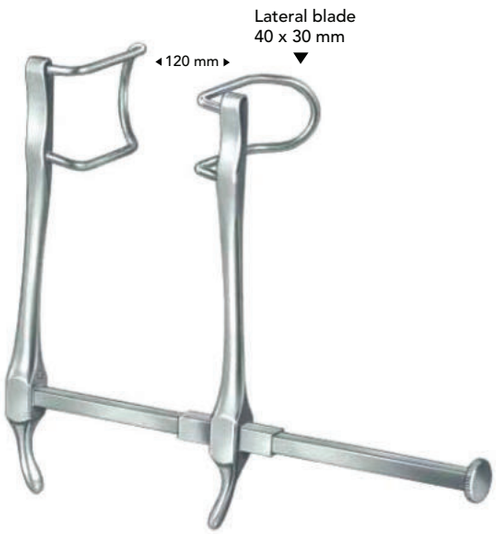
BALFOUR MOD. USA
GR860.00
20 cm/8"

Complete with
1 pair of lateral blades
& 1 central blade

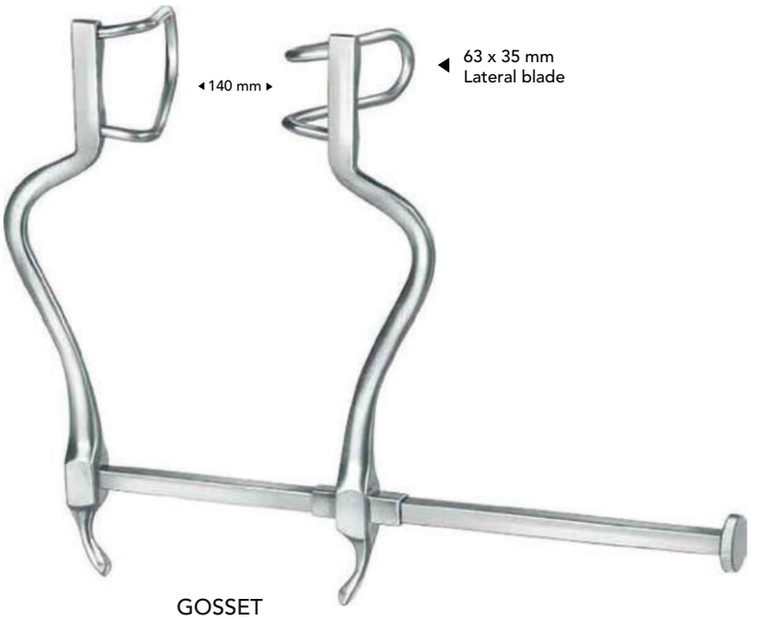


BALFOUR
GR854.00
20 cm/8"

Complete with
1 pair of lateral blades
& 1 central blade



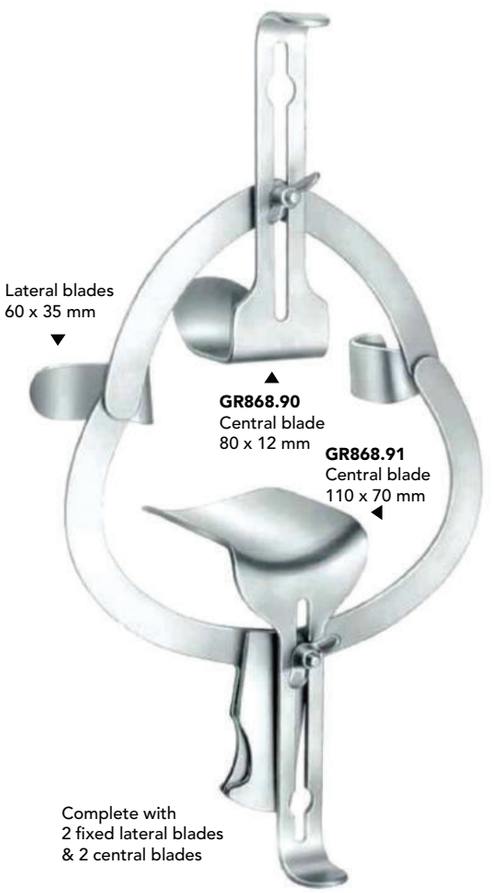
GOSSET-BABY
GR840.00
12.5 cm/5”



GOSSET
GR846.00
18.5 cm/7¼”

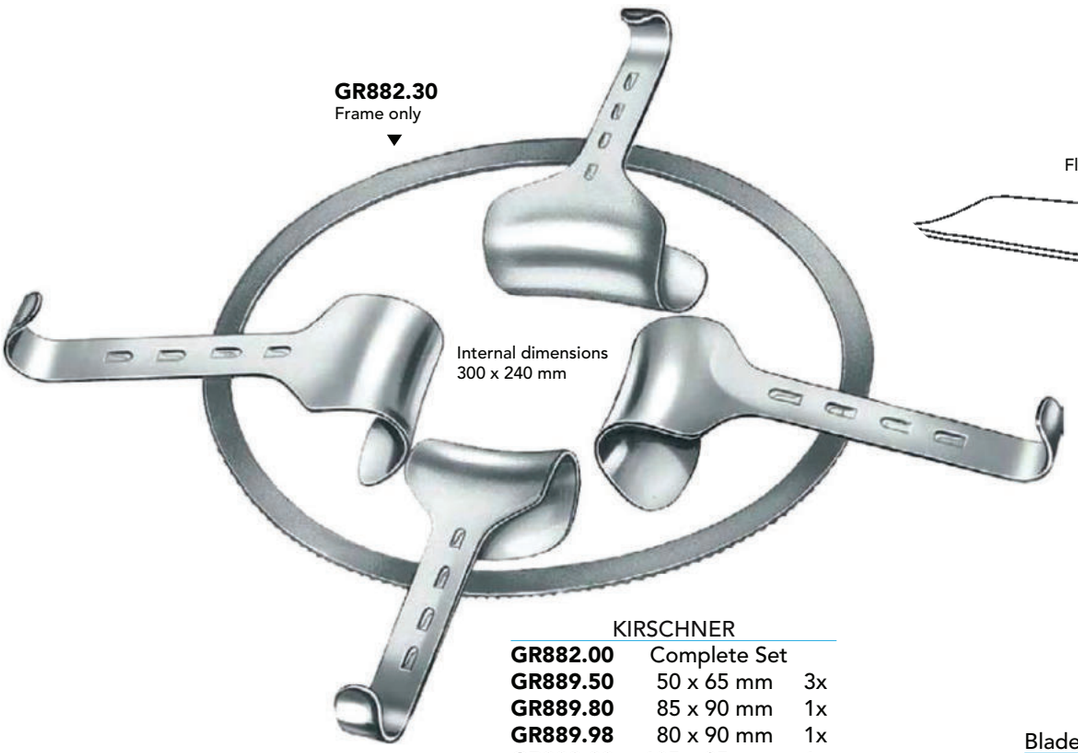


GOSSET
GR844.00
16.5 cm/6½”



O’SULLIVAN-O’CONNOR
GR868.00
20 cm/8”

GR882.30
Frame only



KIRSCHNER

GR882.00	Complete Set	
GR889.50	50 x 65 mm	3x
GR889.80	85 x 90 mm	1x
GR889.98	80 x 90 mm	1x
GR889.99	105 x 35 mm	1x

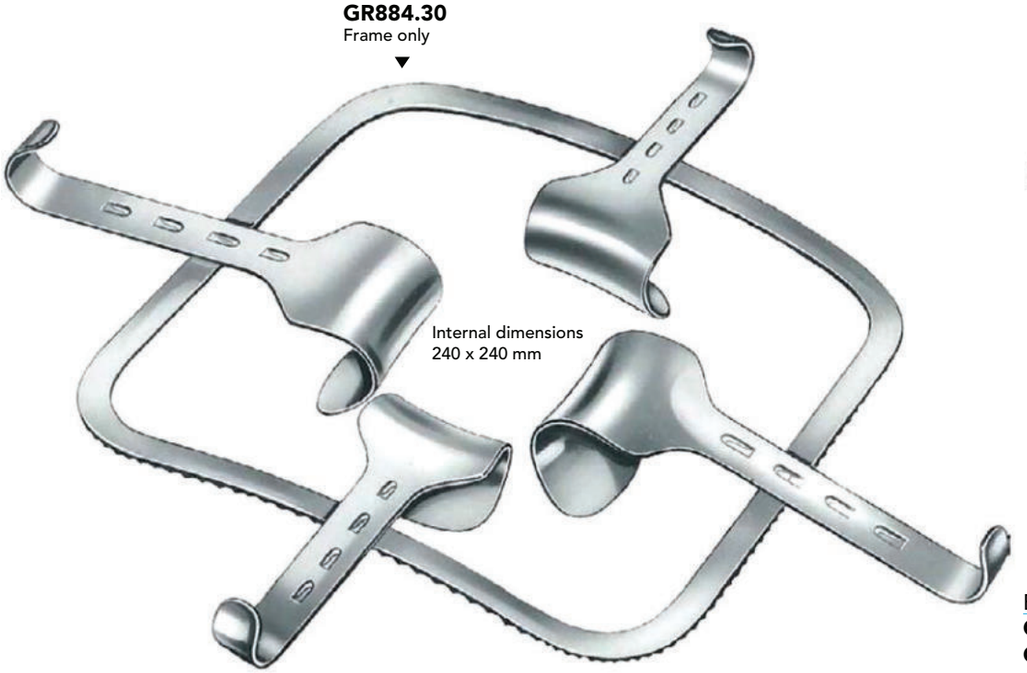
Flat blades



Blade only

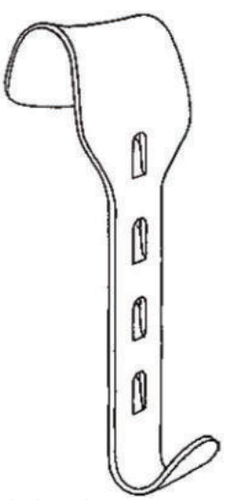
GR889.98	98 x 50 mm
GR889.99	105 x 35 mm

GR884.30
Frame only



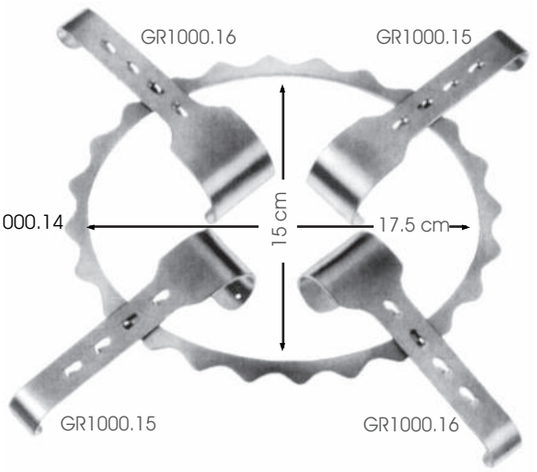
KIRSCHNER

GR884.00	Complete Set	
GR889.40	40 x 55 mm	2x
GR889.50	50 x 65 mm	2x



Blade only

GR889.40	40 x 55 mm
GR889.50	50 x 65 mm
GR889.60	60 x 65 mm
GR889.78	78 x 65 mm
GR889.80	85 x 90 mm



DENNIS-BROWNE
GR1000.13
Komple/Complete

GR1000.14 175 x 150 mm Çember/Frame
GR1000.15 40 x 30 mm 2 adet bleyd/2 each blades
GR1000.16 40 x 40 mm 2 adet bleyd/2 each blades



GR1000.17
1 adet bleyd
1 each blade
20 x 30 mm

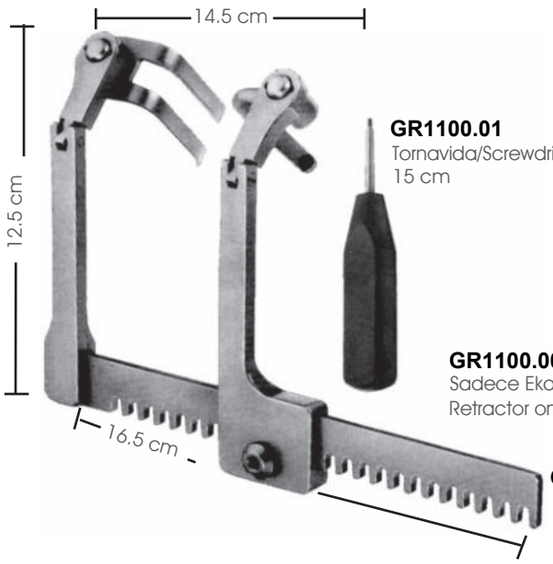


GR1000.73
Kalça ekartörü
Hip retractor



GR1000.74
Zincirli ağırlık
Weight with chain
1 kg

Spinal Ekartör
Spine Retractor



GR1100.01
Tornavida/Screwdriver
15 cm

GR1100.00
Sadece Ekartör
Retractor only

Universal spinal ekartör sistemi
Kendinden tutuculu Caspar universal omurga ekartörü, güvenli bir ekartasyona izin verir ve sökülüp takılabilir saplar sayesinde operasyon bölgesinde yer kazanıdırır.

Universal spinal retractor system
The self-retaining Caspar universal spinal retractor permits safe retraction and saves in the operation area due to the remov able handles.



GR1100.29 50 x 44 mm
GR1100.30 50 x 54 mm
GR1100.31 50 x 74 mm
GR1100.32 50 x 89 mm



GR1100.28
Ekartörleri yerleştirme kolu
Retractor placing handle

CASPAR
GR1000.42 Komple/Complete
GR1100.00 - GR1100.01
GR1100.03-GR1100.09-GR1100.17GR1100.25



GR1100.02 38 mm
GR1100.03 58 mm
Pimli/Pins



GR1100.04 32 x 22 mm
GR1100.05 37 x 22 mm
GR1100.06 42 x 22 mm
GR1100.07 47 x 22 mm
GR1100.08 52 x 22 mm
GR1100.09 57 x 22 mm
GR1100.10 62 x 22 mm
GR1100.11 67 x 22 mm
Pimli/Pins



GR1100.12 32 x 37 mm
GR1100.13 37 x 37 mm
GR1100.14 42 x 37 mm
GR1100.15 47 x 37 mm
GR1100.16 52 x 37 mm
GR1100.17 57 x 37 mm
GR1100.18 62 x 37 mm
GR1100.19 67 x 37 mm
Pimli/Pins



GR1100.20 32 x 52 mm
GR1100.21 37 x 52 mm
GR1100.22 42 x 52 mm
GR1100.23 47 x 52 mm
GR1100.24 52 x 52 mm
GR1100.25 57 x 52 mm
GR1100.26 62 x 52 mm
GR1100.27 67 x 52 mm
Pimli/Pins

HardCoated



GR1000.29 35 mm | **GR1000.30** 40 mm | **GR1000.31** 45 mm | **GR1000.32** 50 mm | **GR1000.33** 55 mm | **GR1000.34** 60 mm | **GR1000.35** 65 mm | **GR1000.36** 75 mm | **GR1000.26** 85 mm





GR1100.33 40 mm | **GR1100.34** 45 mm | **GR1100.35** 50 mm | **GR1100.36** 55 mm | **GR1100.37** 60 mm | **GR1100.38** 65 mm | **GR1100.39** 70 mm

GR1000.28 Sadece ekartör
Retractor only

CASPAR

GR1000.27 Komple/Complete
(GR1000.28-GR1000.29-GR1000.26)



GR1000.37 40 mm | **GR1000.38** 45 mm | **GR1000.39** 50 mm | **GR1000.40** 55 mm | **GR1000.41** 60 mm | **GR1100.40** 65 mm | **GR1100.41** 75 mm | **GR1100.42** 85 mm



CASPAR
GR1000-37-GR1100.42



GR1100.43
Çift hareketli servikal ekartör
Doble hinged cevical retractor



GR1100.44
Çift hareketli karşı ekartör
Doble hinged retractor used for longidinal retraction



GR1100.45
Karşı ekartör
Counter retractor



GR1100.46	30 x 24 mm
GR1100.47	35 x 24 mm
GR1100.48	40 x 24 mm
GR1100.49	45 x 24 mm
GR1100.50	50 x 24 mm
GR1100.51	55 x 24 mm
GR1100.52	60 x 24 mm
GR1100.53	65 x 24 mm
GR1100.54	70 x 24 mm

Titanyum orta bleyd
Mediall blades titanium



GR1100.55	30 x 24 mm
GR1100.56	35 x 24 mm
GR1100.57	40 x 24 mm
GR1100.58	45 x 24 mm
GR1100.59	50 x 24 mm
GR1100.60	55 x 24 mm
GR1100.61	60 x 24 mm
GR1100.62	65 x 24 mm
GR1100.63	70 x 24 mm

Titanyum yan bleyd
Lateral blades titanium



GR1100.64	35 x 24 mm
GR1100.65	40 x 24 mm
GR1100.66	45 x 24 mm
GR1100.67	50 x 24 mm
GR1100.68	55 x 24 mm
GR1100.69	60 x 24 mm
GR1100.70	65 x 24 mm
GR1100.71	70 x 24 mm
GR1100.72	75 x 24 mm

Titanyum künt bleyd
Blunt blades titanium



GR1100.73	30 x 24 mm
GR1100.74	35 x 24 mm
GR1100.75	40 x 24 mm
GR1100.76	45 x 24 mm
GR1100.77	50 x24 mm
GR1100.78	55 x 24 mm
GR1100.79	60 x 24 mm
GR1100.80	65 x 24 mm
GR1100.81	70 x 24 mm

Titanyum orta bleyd
Mediall blades titanium



GR1100.82	30 x 24 mm
GR1100.83	35 x 24 mm
GR1100.84	40 x 24 mm
GR1100.85	45 x 24 mm
GR1100.86	50 x24 mm
GR1100.87	55 x 24 mm
GR1100.88	60 x 24 mm
GR1100.89	65 x 24 mm
GR1100.90	70 x 24 mm

Titanyum yan bleyd
Lateral blades titanium



GR1100.91	35 x 24 mm
GR1100.92	40 x 24 mm
GR1100.93	45 x 24 mm
GR1100.94	50 x 24 mm
GR1100.95	55 x 24 mm
GR1100.96	60 x 24 mm
GR1100.97	65 x 24 mm
GR1100.98	70 x 24 mm
GR1100.99	75 x 24 mm

Titanyum künt bleyd
Blunt bladesTitanium



GR1200.00	25 x 19 mm
GR1200.01	30 x 19 mm
GR1200.02	35 x 19 mm
GR1200.03	40 x 19 mm
GR1200.04	45 x 19 mm
GR1200.05	50 x 19 mm
GR1200.06	55 x 19 mm
GR1200.07	60 x 19 mm

Titanyum dişli bleyd
Teeth blades titanium

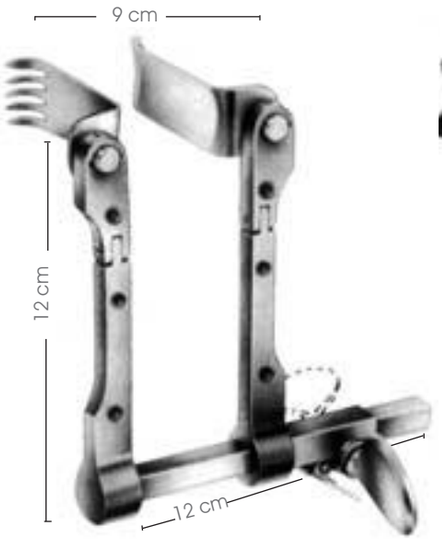


GR1200.08	25 x 19 mm
GR1200.09	30 x 19 mm
GR1200.10	35 x 19 mm
GR1200.11	40 x 19 mm
GR1200.12	45 x19 mm
GR1200.13	50 x 19 mm
GR1200.14	55 x 19 mm
GR1200.15	60 x 19 mm

Titanyum künt bleyd
Blunt blades titanium



GR1200.16
Bleyd tutucu elçek
Handle for blades with side load attachment



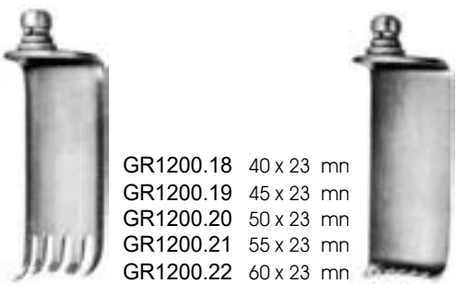
CASPAR
GR1000.45
GR1200.17 Sadece ekartör/Retractor only
(GR1200.24-GR1200.27)



CASPAR
GR1000.46
GR1200.17A Sadece ekartör/Retractor only
(GR1200.28-GR1200.33)



CASPAR
GR1000.47
GR1200.17B Sadece ekartör/Retractor only
(GR1200.28-GR1200.33)



GR1200.18	40 x 23	mn
GR1200.19	45 x 23	mn
GR1200.20	50 x 23	mn
GR1200.21	55 x 23	mn
GR1200.22	60 x 23	mn



GR1200.23	40 x 23	mm
GR1200.24	45 x 23	mm
GR1200.25	50 x 23	mm
GR1200.26	55 x 23	mm
GR1200.27	60 x 23	mm

GR1200.28	40 x 23	mm
GR1200.29	45 x 23	mm
GR1200.30	50 x 23	mm
GR1200.31	55 x 23	mm
GR1200.32	60 x 23	mm
GR1200.33	65 x 23	mm



GR1200.34	40 x 25	mm
GR1200.35	45 x 25	mm
GR1200.36	50 x 25	mm
GR1200.37	55 x 25	mm
GR1200.38	60 x 25	mm



GR1200.39	40 x 25	mm
GR1200.40	45 x 25	mm
GR1200.41	50 x 25	mm
GR1200.42	55 x 25	mm
GR1200.43	60 x 25	mm

GR1200.44	30 x 24	mm
GR1200.45	35 x 24	mm
GR1200.46	40 x 24	mm
GR1200.47	45 x 24	mm
GR1200.48	50 x 24	mm
GR1200.49	55 x 24	mm
GR1200.50	60 x 24	mm
GR1200.51	65 x 24	mm
GR1200.52	70 x 24	mm
GR1200.53	75 x 24	mm

Titanyum bleyd
Titanium blades



GR1200.54	25 x 24	mm
GR1200.55	30 x 24	mm
GR1200.56	T35 x 24	mm
GR1200.57	40 x 24	mm
GR1200.58	45 x 24	mm
GR1200.59	50 x 24	mm
GR1200.60	55 x 24	mm
GR1200.61	60 x 24	mm
GR1200.62	65 x 24	mm
GR1200.63	70 x 24	mm

Titanyum bleyd
Titanium blades



GR1200.64	25 x 24	mm
GR1200.65	30 x 24	mm
GR1200.66	35 x 24	mm
GR1200.67	40 x 24	mm
GR1200.68	45 x 24	mm
GR1200.69	50 x 24	mm
GR1200.70	55 x 24	mm
GR1200.71	60 x 24	mm
GR1200.72	65 x 24	mm
GR1200.73	70 x 24	mm

Titanyum bleyd
Titanium blades



GR1200.74	50 x 25	mm
GR1200.75	60 x 25	mm



GT1200.75
Bleyd tutma pensi
Blade ejector forcep
11.5 cm

inside ed

DG DIAGNOSTIC





TAYLOR
DG010.18
20 cm/8″



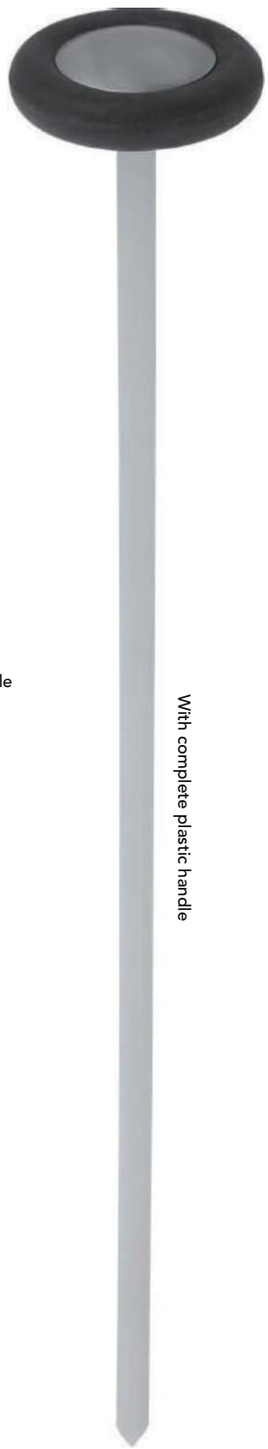
DEJERINE
DG016.20
20 cm/8″



DEJERINE
DG022.21
21 cm/8″



TROEMNER
DG034.24
22 cm/8¾″



NATIONAL HOSPITAL
DG082.50
35 cm/13¾″



BERLINER
DG040.20
20 cm/8″



BUCK
DG052.18
18 cm/7″



WARTENBERG
DG130.19
19 cm/7½″



BABINSKY
DG076.22
21 cm/8″

0 - 15 mm



CASTROVIEJO
DG133.15
8 cm/3″

0 - 20 mm



CASTROVIEJO
DG133.20
8 cm/3″

0 - 20 mm
Curved



CASTROVIEJO
DG134.20
8 cm/3″

0 - 40 mm



CASTROVIEJO-EPKER
DG135.40
9 cm/3½″

0 - 40 mm



CASTROVIEJO-EPKER
DG136.40
18 cm/7″

0 - 80 mm



JAMESON
MC100.03
9.5 cm/3¾″

0 - 80 mm



THROPE (MARCHAC)
MC200.04
12 cm/4¾″

Caliper for neurosurgery
0 - 125 mm



DG140.00

Finger-Goniometer



CAROLL
DG144.00
14 cm/5½″

Cephalometer



BERTILLON
DG402.01

Goniometer



MOELTGEN
DG416.01

Metal ruler



10 cm/4"	**DG100.10**
15 cm/6"	**DG100.15**
20 cm/8"	**DG100.20**
30 cm/12"	**DG100.30**
50 cm/12"	**DG100.50**

Wood



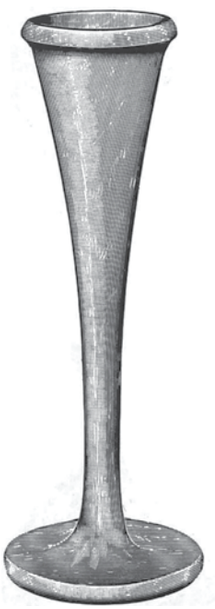
PINARD
DG242.18
18 cm/7"

Aluminium



PINARD
DG248.15
15 cm/6"

Plastic



PINARD
DG250.18
18 cm/7"

LED LIGHTING

ENT Diagnostic Set



DG250.10

Opthalmoscope & Otoscope Set



DG240.10

Otoscope



DG220.10

Opthalmoscope



DG230.10

- Pocket Otoscopes, Head with high quality integrated fiberoptics
- Required batteries (2AA) not included.
- With pack of 8 cannulas
- Easy to hang in the pocket
- Packed in pouch
- All colors can be available on deman









DG270.00
Black

DG271.00
Blue

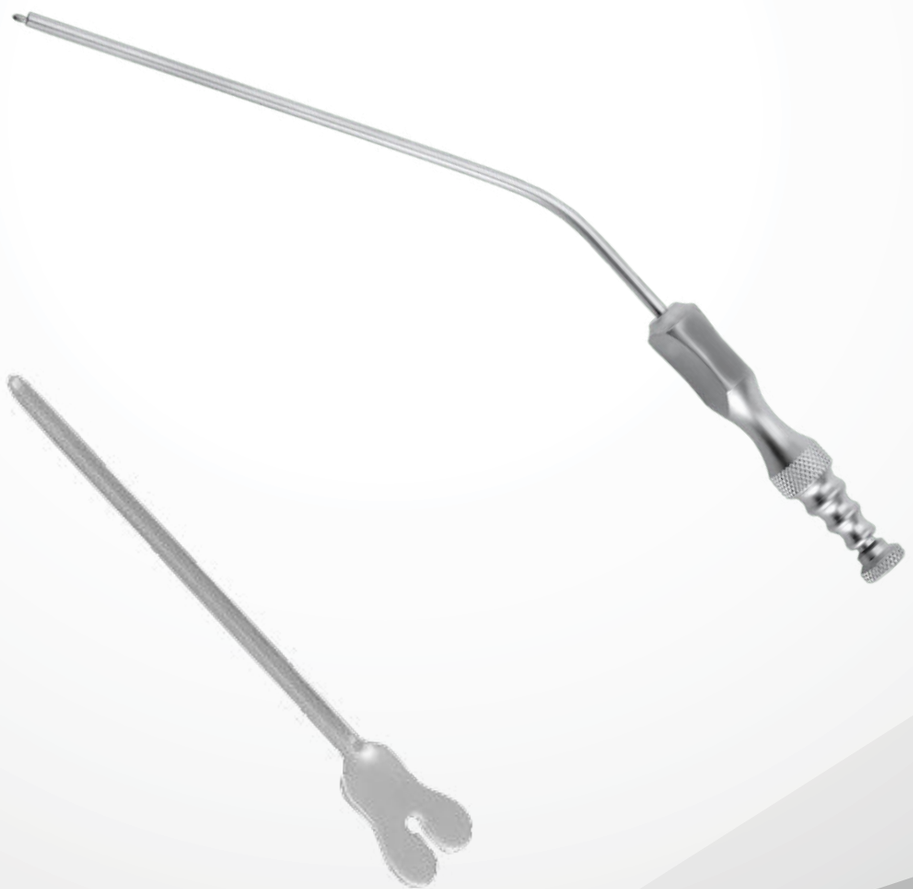
DG272.00
Red

DG274.00
Yellow

insideMed

GU

SUCTION TUBES & PROBES



Micro suction tips

0.4 mm | 0.6 mm | 0.8 mm









GU527.04
4.5 cm/1¾"

GU527.06
4.5 cm/1¾"

GU527.08
4.5 cm/1¾"

GU527.01

Handle with tube only

WULLSTEIN
GU527.00
14 cm/5¾"

complete, with handle and 3 tips

Ø 4 mm/12Fr.



ADSON
GU521.12
20 cm /8"

Ø 3.3 mm/10Fr.

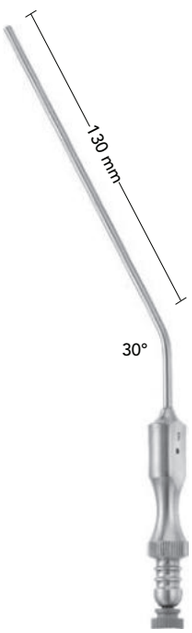


FRAZIER
GU522.10
24 cm /9½"



POPPEN
18 cm/7"

Ø 3.3 mm	**GU525.06**
Ø 5.0 mm	**GU525.08**
Ø 3.3 mm	**GU525.10**
Ø 4.0 mm	**GU525.12**



Ø 4 mm



	Fr.	
Ø 2.0 mm	6	**GU523.06**
Ø 2.3 mm	7	**GU523.07**
Ø 2.7 mm	8	**GU523.08**
Ø 3.0 mm	9	**GU523.09**
Ø 3.3 mm	10	**GU523.10**
Ø 3.6 mm	11	**GU523.11**
Ø 4.0 mm	12	**GU523.12**
Ø 5.0 mm	15	**GU523.15**

FRAZIER
19 cm/7½"

FERGUSSON
19 cm/7½"

FRAZIER
GU1000.00 Ø 3 mm
GU1000.01 Ø 5 mm
LUER bağlantılı
With LUER hub
18 cm



	Fr.	11 cm/4¼"	13 cm/5"	16 cm/6¼"	20 cm/8"
Ø 1.5 mm	4 - 5	**GU524.15**	**GU525.15**	**GU526.15**	**GU527.15**
Ø 2.0 mm	6	**GU524.20**	**GU525.20**	**GU526.20**	**GU527.20**
Ø 2.5 mm	7 - 8	**GU524.25**	**GU525.25**	**GU526.25**	**GU527.25**
Ø 3.0 mm	9	**GU524.30**	**GU525.30**	**GU526.30**	**GU527.30**
Ø 4.0 mm	12	**GU524.40**	**GU525.40**	**GU526.40**	**GU527.40**
Ø 5.0 mm	15	**GU524.50**	**GU525.50**	**GU526.50**	**GU527.50**



GU526.01
Suction cannula only

Micro suction cannula

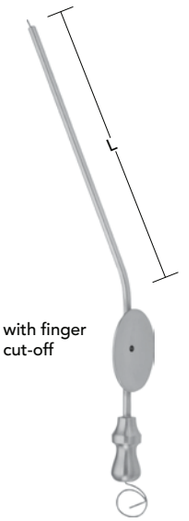


Ø 0.5 mm	**GU526.05**
Ø 0.7 mm	**GU526.07**
Ø 0.9 mm	**GU525.09**
Ø 1.2 mm	**GU526.12**



BELLUCCI
GU529.15
15.5 cm/6″

Ear suction cannula



BARON

	7.5 cm/3″	10 cm/4″
Ø 1 mm	**GU528.10**	**GU532.10**
Ø 1,5 mm	**GU528.15**	**GU532.15**
Ø 2 mm	**GU528.20**	**GU532.20**

suction cannula



PLESTER
19.5 cm/7¾″

Ø 1.5 mm	**GU645.15**
Ø 2.0 mm	**GU645.20**
Ø 2.5 mm	**GU645.25**
Ø 3.0 mm	**GU645.30**

ZOELLNER
GU526.00
18 cm/7″
Complete with 4 tips



FRAZIER
18 cm/7″
GU1000.22

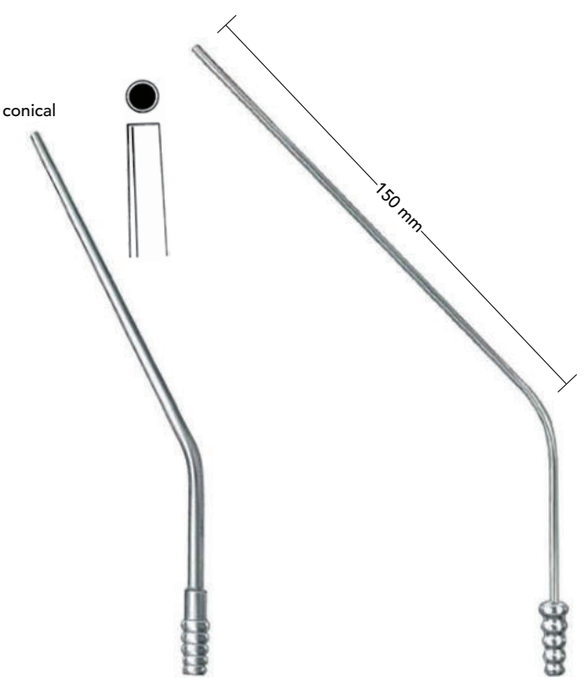


FERGUSSON
18 cm/7″
GU1000.02



LEMPERT
20 cm/8″

Ø 2 mm	**GU647.02**
Ø 3 mm	**GU647.03**

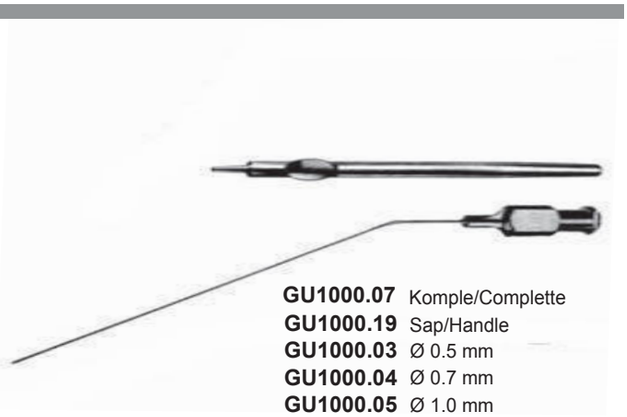


LUER

Length	Working Length		
16 cm/6½″	110 mm	Ø 3.0 mm	**GU529.30**
16 cm/6½″	110 mm	Ø 3.5 mm	**GU529.35**
18 cm/7″	130 mm	Ø 4.5 mm	**GU529.45**

YASARGIL
17 cm/6¾″

Ø 1.5 mm	**GU540.15**
Ø 2.0 mm	**GU540.20**
Ø 2.5 mm	**GU540.25**
Ø 3.5 mm	**GU540.35**



GU1000.07 Komple/Complette
GU1000.19 Sap/Handle
GU1000.03 Ø 0.5 mm
GU1000.04 Ø 0.7 mm
GU1000.05 Ø 1.0 mm
GU1000.06 Ø 1.3 mm
LUER koniği/With LUER cone

GU.545.18
Suction tip





GU545.10
10 cm/4"
Fig. 0



GU545.11
10 cm/4"
Fig. 1



GU545.12
10 cm/4"
Fig. 2

GU545.13
13.5 cm/5¼"
Fig. 3

complete with suction tip & connector

GU548.02
with Ø 2 mm central hole
with tubing connection



GU548.04
with extra large
Ø 4.8 mm central hole



YANKAUER
GU545.00
31 cm /12¼"
Complete with handle, 4 tubes, 1 tip & 1 olive



YANKAUER
GU545.01
15 cm/6"
Handle



GU545.02
2.5 cm/1"
Olive



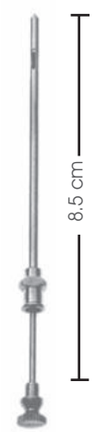
BABY-YANKAUER
GU542.21
21 cm /8¼"



YANKAUER
GU543.27
28.5 cm /11¼"



YANKAUER
27 cm/10½"



POPPEN
GU1000.08 Ø 2.6 mm
Luer Lock
Ventriküler Delme Kanülü
Ventricular Puncture Cannula







DE BAKEY
GU1000.11
Parmak kumandalı, temizleme telli
With finger cut-off and stylet
16 cm



DE BAKEY
GU1000.11
Parmak kumandalı, temizleme telli
With finger cut-off and stylet
27 cm

Vascular suction tubes

Ø 9 mm



DEBAKEY-ADSON
GU544.28
28 cm/11"



ANDREWS-PYNCHON
GU525.24
24 cm /9½"

Ø 4 mm



DEBAKEY-ADSON

16 cm/6¼"	**GU544.16**
20 cm/8"	**GU544.20**





D'AMICO

Working Length	Total Length	D'AMICO
32 cm/12½"	45.5 cm/18"	**GU518.45**

WOLF

Working Length	Total Length	WOLF
22 cm/8¾"	36 cm/14¼"	**GU520.22**
17 cm/6¾"	31 cm/12¼"	**GU520.17**



COOLEY
GU561.35
36 cm/14¼"



COOLEY
GU563.31
31 cm/12¼"



COOLEY
GU565.30
31 cm/12¼"



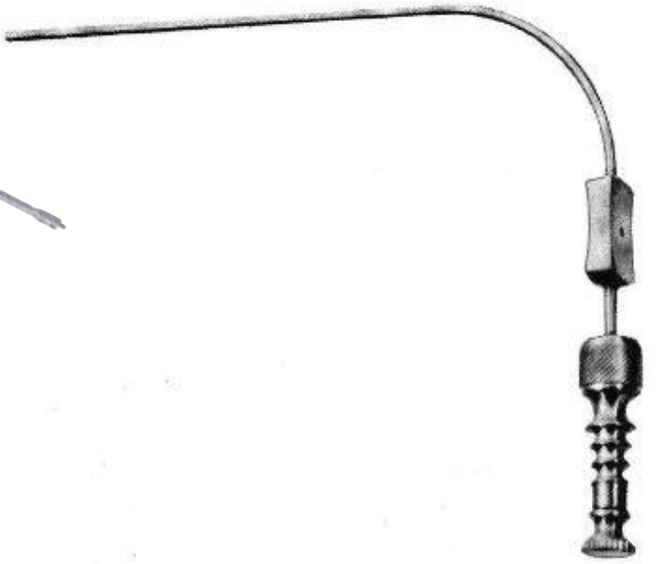
COOLEY
GU567.33
36 cm/14¼"



COOLEY
GU568.25
25 cm/9¾"



RHOTON
GU1000.23
14 cm
10 fr



FRAZIER
GU1000.20
19 cm
2 mm

Abdominal suction & irrigation cannula



with finger cutt-off
and stylet



MAGILL
24.5 cm/9¾"

Ø 3.0 mm	**GU512.30**
Ø 3.5 mm	**GU512.35**
Ø 4.0 mm	**GU512.40**

FINSTERER
GU514.32
32 cm /12¾"

Abdominal suction tubes

Ø 6 mm



BABY-POOLE
GU548.19
19 cm/7½"

Ø 6 mm



BABY-POOLE
GU549.19
19 cm/7½"

Ø 10 mm



POOLE
GU550.22
24 cm/9½"

Ø 8 mm



POOLE
GU551.22
25 cm/9¾"

Dental suction tube



GU575.05
9 cm/3½"
Ø 1.5 mm

GU575.06
9 cm/3½"
Ø 2.0 mm

GU575.08
9 cm/3½"
Ø 3.5 mm

GU575.07
9 cm/3½"
Ø 2.5 mm

COUPLAND
GU575.24
17 cm/6¾"

Handle only
with connector

Dental suction tube



GU577.01
Ø 3.0 mm

GU577.02
Ø 3.5 mm

GU577.03
Ø 4.3 mm

BYRD
21.5 cm /8½"



HOUSE

Suction Tube	Irrigation Tube	
Ø 0.9 mm	Ø 0.7 mm	**GU553.09**
Ø 1.2 mm	Ø 0.9 mm	**GU554.09**
Ø 1.5 mm	Ø 1.2 mm	**GU555.09**

Nasal suction tubes

Ø 8 mm



round opening



NUBOER
GU569.21
21 cm/8¼"

Ø 8 mm



oval opening



NUBOER
GU571.21
21 cm/8¼"

Suction Adapter



Luer

HOUSE
GU556.06
5.5 cm/2¼"

Sinus suction tubes

without finger cutt-off



EICKEN
15 cm/6″

	Short Curved	Long Curved
Ø 2.5 mm	**GU670.25**	**GU672.25**
Ø 3.0 mm	**GU670.30**	**GU672.30**
Ø 4.0 mm	**GU670.40**	**GU672.40**

with finger cutt-off



EICKEN
15 cm/6″

	Short Curved	Long Curved
Ø 2.5 mm	**GU674.25**	**GU676.25**
Ø 3.0 mm	**GU674.30**	**GU676.30**
Ø 4.0 mm	**GU674.40**	**GU676.40**

malleable long curved



EICKEN
15 cm/6″

	Long Curved
Ø 2.5 mm	**GU680.25**
Ø 3.0 mm	**GU680.30**
Ø 4.0 mm	**GU680.40**

for neuro & micro surgery

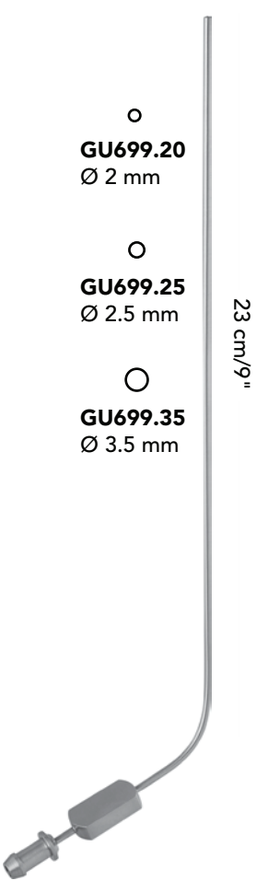
conical



Working Length FUKUSHIMA

	10 cm/4″	11.5 cm/4½″	14 cm/5½″	16.5 cm/6½″
3 Fr.	**GU690.03**	**GU692.03**	**GU694.03**	**GU696.03**
4 Fr.	**GU690.04**	**GU692.04**	**GU694.04**	**GU696.04**
5 Fr.	**GU690.05**	**GU692.05**	**GU694.05**	**GU696.05**
6 Fr.	**GU690.06**	**GU692.06**	**GU694.06**	**GU696.06**
7 Fr.	**GU690.07**	**GU692.07**	**GU694.07**	**GU696.07**
8 Fr.	**GU690.08**	**GU692.08**	**GU694.08**	**GU696.08**
9 Fr.	**GU690.09**	**GU692.09**	**GU694.09**	**GU696.09**
12 Fr.	**GU690.12**	**GU692.12**	**GU694.12**	**GU696.12**

for microlaryngology



GU699.20
Ø 2 mm

GU699.25
Ø 2.5 mm

GU699.35
Ø 3.5 mm

Suction tube for pituitary

Ø 3.2 mm



Olive
Ø 6-10 mm

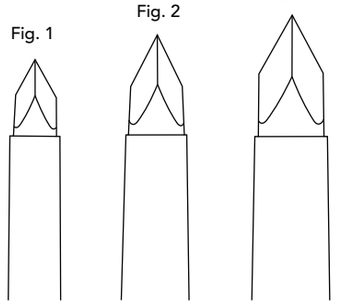
GU1000.12 4 mm
GU1000.13 5 mm
Sivri/Sharp
20 cm



LANDOLT
GU533.01
20 cm/9¾″



NELSON
21 cm/8¼"



GU348.07 Ø 7.5 mm
GU348.09 Ø 9.5 mm
GU352.11 Ø 11 mm



UNIVERSAL
GU306.04
14 cm/5½"



GU**1000.17**
8.5 cm
Ø 5 mm



GU**1000.17B**
8.5 cm
Ø 5 mm



CH	REDON 19.5 cm/7¾"
8	**GU580.08**
10	**GU580.10**
12	**GU580.12**
14	**GU580.14**
16	**GU580.16**
18	**GU580.18**

Threaded end



CH	REDON 19.5 cm/7¾"
8	**GU583.08**
10	**GU583.10**
12	**GU583.12**
14	**GU583.14**
16	**GU583.16**
18	**GU583.18**

Threaded end



CH	REDON 19.5 cm/7¾"
8	**GU584.08**
10	**GU584.10**
12	**GU584.12**
14	**GU584.14**
16	**GU584.16**
18	**GU584.18**

Threaded end



CH	REDON 14 cm/5½"
8	**GU581.08**
10	**GU581.10**
12	**GU581.12**
14	**GU581.14**
16	**GU581.16**
18	**GU581.18**

Brain punture needle



FRAZIER
10 cm/4”

Ø 2.0 mm	**GU630.20**
Ø 2.5 mm	**GU630.25**
Ø 3.0 mm	**GU630.30**

Pudendus anaesthesia needle



GU606.01
Cannula
Ø 1 x 185 mm

IOWA
GU606.00
18 cm/7”

Complete with needle

Vein cannulas



1.2 x 80 mm	**GU510.12**
1.5 x 80 mm	**GU510.15**

Heparin flushing needle



2.0 x 45 mm	**GU611.20**
3.0 x 45 mm	**GU611.30**
3.7 x 55 mm	**GU611.37**
5.0 x 60 mm	**GU611.50**
2.9 x 65 mm	**GU611.29**

Lumber punture needle



TUOHY

Ø 1.2 mm	**GU632.12**
Ø 1.4 mm	**GU632.14**
Ø 1.6 mm	**GU632.16**

Pleural biopsy needle



ABRAMS
GU633.14
14 cm/5½”

Suction cannula, malleable



Ø 1.5 mm	**GU647.15**
Ø 2.0 mm	**GU647.20**



VERRES
GN1000.07
Ø 2.0 mm
13 cm

Heparin flushing needle

button end
Ø 2.9 x 0.8 mm



MOCK
GU697.06
6.5 cm/2½”

Suction cannula
Ø 1.5 mm



VERHOEVEN
GU635.10
10 cm/4”

for liver blind puncture
with stopping probe



MENGHINI

Working Length		
Ø 1.0 mm	35 mm	**GU700.35**
Ø 1.0 mm	70 mm	**GU700.70**
Ø 1.2 mm	70 mm	**GU701.70**
Ø 1.2 mm	100 mm	**GU701.10**
Ø 1.4 mm	70 mm	**GU702.70**
Ø 1.4 mm	100 mm	**GU702.10**
Ø 1.6 mm	70 mm	**GU703.70**
Ø 1.6 mm	100 mm	**GU703.10**

Tonsil & sinus needles tapered tip, LUER-LOCK

Ø 0.65 mm



GU640.10

Ø 0.80 mm



GU640.18

Ø 0.80 mm



GU640.15

Ø 0.80 mm



GU642.01



GU644.00

Complete set with suction handle & 4 suction cannulas

Ø 0.5 mm	**GU644.05**
Ø 0.7 mm	**GU644.07**
Ø 1.0 mm	**GU644.10**
Ø 1.3 mm	**GU644.13**

Suction Handle with finger cutt-off, with LUER cone



GU636.01



CONE
NU1000.68
9 cm 13 gauge

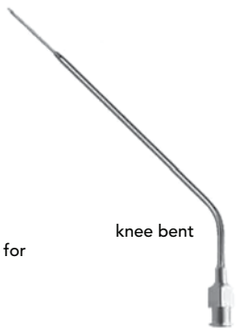
Suction handle for tonsil cannula



Suction handle for
GU640.20
GU641.20
GU642.20

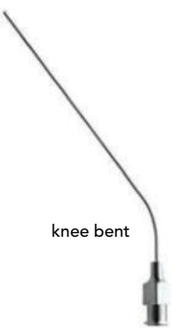
GU631.01

Ø 0.65 mm



GU640.20

Tonsil cannula angled



Ø 1.0 mm	**GU641.20**
Ø 1.3 mm	**GU642.20**



GU1000.16
Luer-Lock, Düz
Luer-Lock, Straight



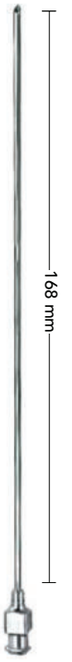
GU1000.16B
Luer-Lock, Dirsekli
Luer-Lock, Knee



SCHMID
15 cm/6”

Ø 3 mm	**GU695.03**
Ø 4 mm	**GU695.04**
Ø 5 mm	**GU695.05**
Ø 6 mm	**GU695.06**

for controlled liver blind puncture



MENGHINI

Ø 1.4 mm	**GU710.14**
Ø 1.8 mm	**GU710.18**

Ø 1 mm

11.5 cm/4½″	**GP101.11**
13.0 cm/5¼″	**GP101.13**
14.5 cm/5¾″	**GP101.14**
16.0 cm/6¼″	**GP101.16**
18.0 cm/7¼″	**GP101.18**
20.0 cm/8″	**GP101.20**

Ø 1.5 mm



13.0 cm/5¼″	**GP103.13**
14.5 cm/5¾″	**GP103.14**
16.0 cm/6¼″	**GP103.16**
18.0 cm/7¼″	**GP103.18**
20.0 cm/8″	**GP103.20**
25.0 cm/10″	**GP103.25**

Ø 2 mm



11.0 cm/4½″	**GP102.11**
13.0 cm/5¼″	**GP102.13**
14.5 cm/5¾″	**GP102.14**
16.0 cm/6¼″	**GP102.16**
18.0 cm/7¼″	**GP102.18**
20.0 cm/8″	**GP102.20**
25.0 cm/10″	**GP102.25**
30.0 cm/12″	**GP102.30**

Ø 2 mm



13.0 cm/5¼″	**GP108.13**
14.5 cm/5¾″	**GP108.14**
16.0 cm/6¼″	**GP108.16**

Ø 1 mm



STACKE
GP130.10
10 cm/4″

Myrtle Leaf Probe
Ø 2 mm



13.0 cm/5¼″	**GP150.13**
14.5 cm/5¾″	**GP150.14**
16.0 cm/6¼″	**GP150.16**
18.0 cm/7¼″	**GP150.18**
20.0 cm/8″	**GP150.20**



13.0 cm/5¼″	**GP160.13**
14.5 cm/5¾″	**GP160.14**
16.0 cm/6¼″	**GP160.16**



13.0 cm/5¼″	**GP170.13**
14.5 cm/5¾″	**GP170.14**
16.0 cm/6¼″	**GP170.16**



DOYEN
GP175.14
14 cm/5¾″



NELATON
GP185.16
16 cm/6¼″



LOCKHART-MUMMERY
16.5 cm/6½"

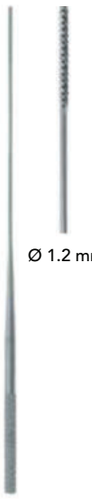
GP186.16	**GP187.16**	**GP189.16**	**GP191.16**



FARRELL

12.0 cm/4¾"	Ø 0.9 mm	**GP420.12**
14.0 cm/5½"	Ø 0.9 mm	**GP420.14**
14.0 cm/5½"	Ø 1,2 mm	**GP420.14B**
16.0 cm/6¼"	Ø 1.1 mm	**GP420.16**

Triangular



LATHBURRY-FARRELL

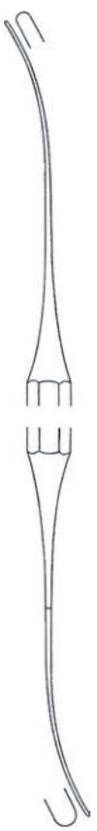
14.0 cm/5½"	Ø 1.2 mm	**GP425.14**
14.0 cm/5½"	Ø 1.4 mm	**GP1000.01**
15.0 cm/6"	Ø 1.2 mm	**GP425.15**
16.0 cm/6¼"	Ø 1.2 mm	**GP425.16**
18.0 cm/7¼"		**GP425.18**

Varix instruments



VARADY

Phlebodissector



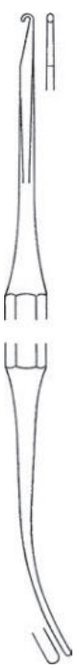
18 cm/7¼"
GP249.01

Phlebextractor



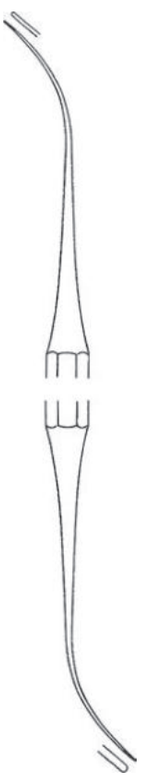
18 cm/7¼"
GP249.02

Phlebextractor



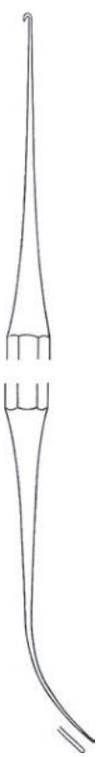
18.0 cm/7¼"
GP249.03

Micro Dissector



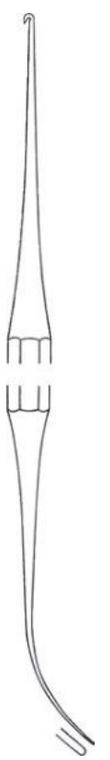
17 cm/6¾"
GP249.04

Micro Phlebextractor



17 cm/6¾"
GP249.05

Mini Phlebextractor



17 cm/6¾"
GP249.06

Complete, in oval metal case



NABATOFF
GP250.00

Traction cable



GP250.90
90 cm/36”

Ø 3 mm



GP250.03
Olive

Ø 6 mm



GP250.06
Olive

Plastic probe tip



GP250.02



GP250.80
Handle T-form

Ø 9 mm



GP250.09
Olive

Ø 12 mm



GP250.12
Olive

Ø 15 mm



GP250.15
Olive
Not included
in the set

Complete, in oval metal case



VARDY
GP248.00

Traction cable



GP248.04
45 cm/18”

Ø 3 mm



GP248.01
Olive

Ø 4 mm



GP248.02
Olive

Ø 5 mm

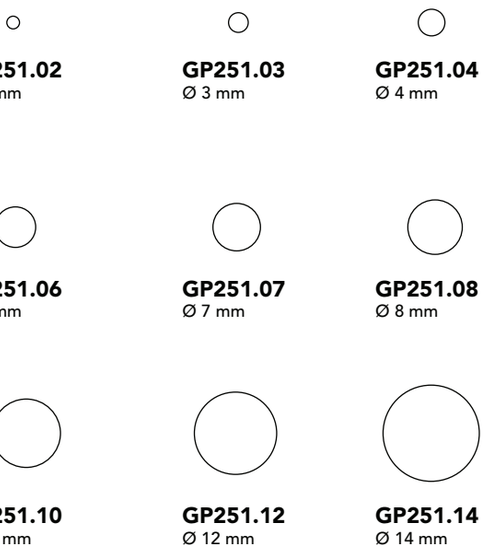


GP248.03
Olive

blunt



VOLLMAR
50 cm/20”



GP251.02
Ø 2 mm

GP251.03
Ø 3 mm

GP251.04
Ø 4 mm

GP251.06
Ø 6 mm

GP251.07
Ø 7 mm

GP251.08
Ø 8 mm

GP251.10
Ø 10 mm

GP251.12
Ø 12 mm

GP251.14
Ø 14 mm

Handle for VOLLMER ring stripper



GP251.30
11.5 cm/4½”

insided

LY

ANESTHESIA LARYNGOSCOPES




Fig. 0

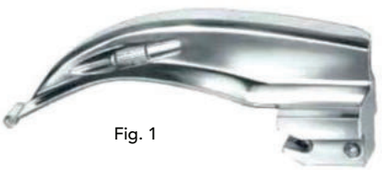

Fig. 1


Fig. 2

mm	Fig.	MACINTOSH	Spare Lamp
55	0	**LY020.00**	**LY200.10**
75	1	**LY021.01**	**LY200.12**
90	2	**LY021.02**	**LY200.12**
110	3	**LY021.03**	**LY200.12**
135	4	**LY021.04**	**LY200.12**


Fig. 1


Fig. 2


Fig. 3

mm	Fig.	MILLER	Spare Lamp
55	0	**LY040.00**	**LY200.10**
80	1	**LY041.01**	**LY200.10**
130	2	**LY041.02**	**LY200.10**
170	3	**LY041.03**	**LY200.12**
180	4	**LY041.04**	**LY200.12**



Fig.	Handle	Complete Set
1 - 3	Medium	**LY220.12**
1 - 4	Medium	**LY220.10**

WARM LIGHTING



Fig.	Handle	Complete Set
1 - 3	Medium	**LY240.30**
1 - 4	Medium	**LY240.40**



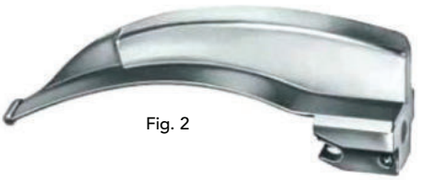
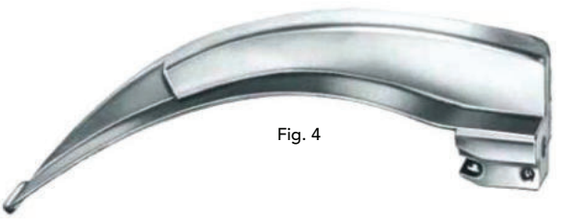

Fig. 2


Fig. 3


Fig. 4

mm	Fig.	MACINTOSH
55	0	**LY520.00**
70	1	**LY521.01**
85	2	**LY521.02**
115	3	**LY521.03**
130	4	**LY521.04**



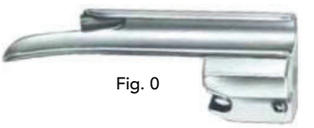

Fig. 0


Fig. 1


Fig. 2

mm	Fig.	MILLER
55	0	**LY541.00**
80	1	**LY541.01**
130	2	**LY541.02**
170	3	**LY541.03**
180	4	**LY541.04**



Fig.	Handle	Complete Set
1 - 3	Medium	**LY620.12**
1 - 4	Medium	**LY620.10**

LED LIGHTING



Fig.	Handle	Complete Set
1 - 3	Medium	**LY640.30**
1 - 4	Medium	**LY640.40**

WARM LIGHTING

LED LIGHTING

Spare Lamps for conventional blades

Small



LY200.10

Large



LY200.12



LY199.33



LY199.19



LY199.29



LY399.33



LY399.19



LY399.29



LY400.24

Spare Cartridge for fiberoptic handles LY.399.19 - LY.399.33

Catheter forceps

Paediatric



LY010.15
16 cm/6¼"
for infants

Adult



LY010.20
20 cm/8"
for children

Adult

LY010.25
25 cm/9¾"
for adults



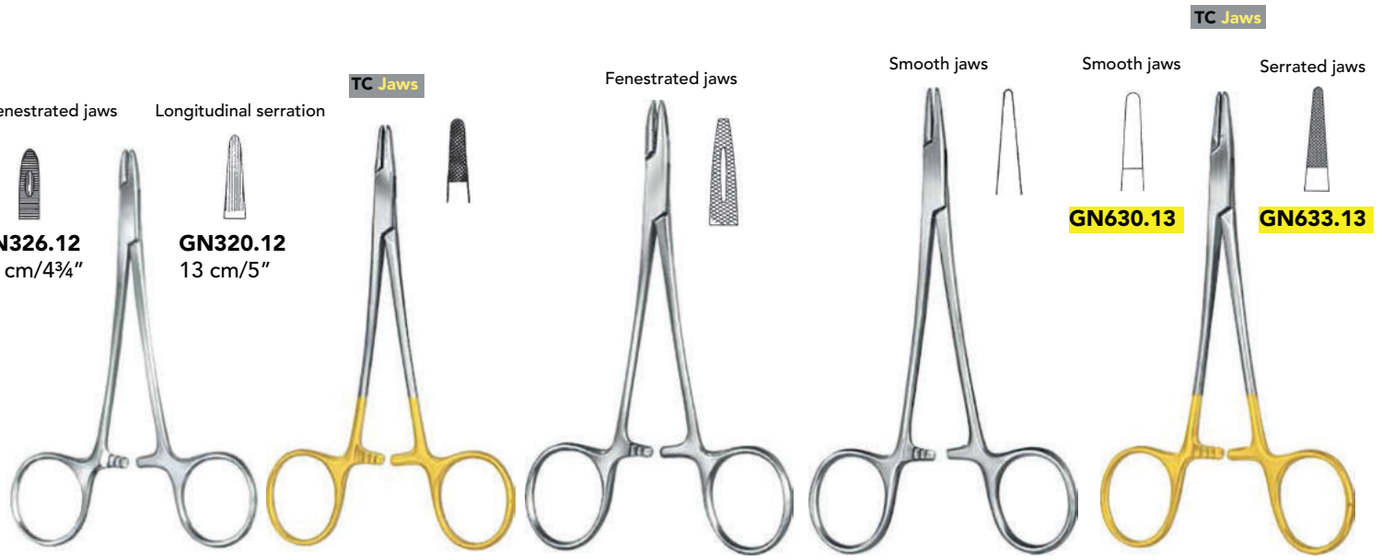
MAGILL

insided

GN

NEEDLE HOLDERS & SUTURE





GN326.12
12 cm/4¾"

GN320.12
13 cm/5"

DERF

DERF
GN632.12
12 cm/4¾"

COLLIER
GN332.12
12 cm/4¾"

WEBSTER
GN334.13
12.5 cm/5"

WEBSTER
12.5 cm/5"



HALSEY
GN336.13
13 cm/5"

HALSEY
13 cm/5"

KILNER
GN1000.14
13 cm/5"

HEGAR-BAUMGARTNER
13 cm/5" **GN310.13**
14.5 cm/5¾" **GN310.14**

HEGAR-BAUMGARTNER
13 cm/5" **GN634.13**
14.5 cm/5¾" **GN634.14**



Smooth jaws
special groove



NEIVERT
GN338.13
12.5 cm/5″

Slender pattern



CRILE-MURRAY
GN348.15
15 cm/6″



CRILE-WOOD
GN350.15
15 cm/6″



BABY-CRILE-WOOD
GN1000.04
15 cm

TC Jaws



CRILE-WOOD

GN638.15
15 cm/6″

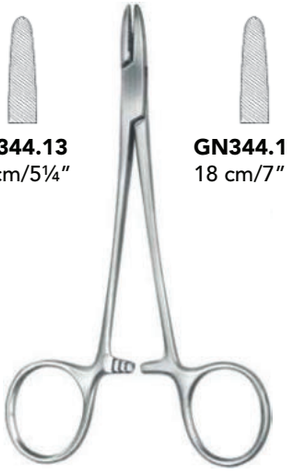


GN638.18
18.5 cm/7¼″

GN638.20
20.5 cm/8″

Diagonally serrated jaws

Heavy pattern



GN344.13
13 cm/5¼″

GN344.18
18 cm/7″

BROWN

Fenestrated jaws
throughout



ADSON
GN360.18
18.5 cm/7¼″

One grooved and
fenestrated jaw



METZENBAUM
GN364.18
18.5 cm/7¼″
GN364.18TC

heavy pattern



M.G. Hospital
GN384.17
18 cm/7″

Slender pattern



MAYO-HEGAR

16.0 cm/6¼″	**GN396.16**
18.5 cm/7¼″	**GN396.18**
20.5 cm/8″	**GN396.20**



MAYO-HEGAR

14.5 cm/5¾″	**GN390.14**
16.0 cm/6¼″	**GN390.16**
18.5 cm/7¼″	**GN390.18**
20.5 cm/8″	**GN390.20**
24.0 cm/9½″	**GN390.24**
26.5 cm/10½″	**GN390.26**
30.5 cm/12″	**GN390.30**

TC Jaws



MAYO-HEGAR

16.0 cm/6¼″	**GN642.16**
18.5 cm/7¼″	**GN642.18**
20.5 cm/8″	**GN642.20**
24.0 cm/9½″	**GN642.24**
26.5 cm/10½″	**GN642.26**
30.5 cm/12″	**GN642.30**



JAMESON
GN404.23
23 cm/9″

TC Jaws



HEANEY
GN403.21
20.5 cm/8″

TC Jaws



HEANEY
GN643.20
20.5 cm/8″

heavy pattern



MASSON
GN408.27
26.5 cm/10½″

TC Jaws



MASSON
GN648.27
26.5 cm/10½″



JOHNSON
GN437.27
27 cm/10½″



HEGAR-MAYO-SEELEY
GN1000.06
20.0 cm/8"



FINOCHIETTO
GN415.27
26.5 cm/10½"

TC Jaws



FINOCHIETTO
GN653.27
26.5 cm/10½"



WANGENSTEEN
GN420.27
26.5 cm/10½"

TC Jaws



WANGENSTEEN
GN656.27
26.5 cm/10½"



MASING
GN1000.05
Tek ayağı açılı, yüzüklü
One ring angled
13 cm

TC Jaws



GILLIES
GN469.16
16 cm/6¼"

TC Jaws



GILLIES
GN673.16
16 cm/6¼"

TC Jaws



GILLIES-MINI
GN673.15
15 cm/6"

TC Jaws



FOSTER-GILLIES
GN673.12
11 cm/4¼"

With automatic release ratchet
also for left handers

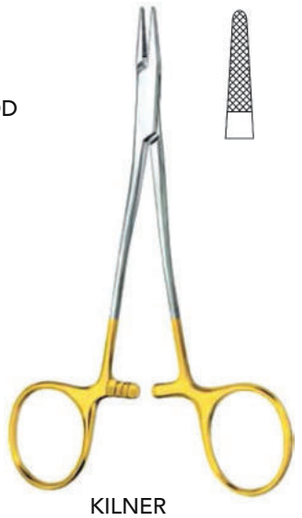
TC Jaws



WEBSTER
GN604.13
13 cm/5″

CRILE-WOOD
GN604.15
15 cm/6″

TC Jaws



KILNER
GN631.13
14.5 cm/5¾″

TC Jaws



SAROT

18 cm/7″	**GN640.18**
20 cm/8″	**GN640.20**
26 cm/10¼″	**GN640.26**

TC Jaws



RYDER

12.5 cm/5″	**GN650.13**
15.0 cm/6″	**GN650.15**
18.0 cm/7″	**GN650.18**
20.0 cm/8″	**GN650.20**
23.0 cm/9″	**GN650.23**
26.0 cm/10¼″	**GN650.26**

TC Jaws



RYDER-VASCULAR

12.5 cm/5″	**GN654.13**
15.0 cm/6″	**GN654.15**
18.0 cm/7″	**GN654.18**
20.0 cm/8″	**GN654.20**
23.0 cm/9″	**GN654.23**
26 cm/10¼″	**GN654.26**

TC Jaws



HEGAR-VASCULAR

14.0 cm/5½″	**GN658.14**
18.5 cm/7¼″	**GN658.18**
20.5 cm/8″	**GN658.20**
23.0 cm/9″	**GN658.23**

TC Jaws



BOZEMANN

20.5 cm/8″	**GN659.20**
24.0 cm/9½″	**GN659.24**
26.0 cm/10¼″	**GN659.26**
30.0 cm/11¾″	**GN659.30**

TC Jaws



HEGAR

20 cm/8″	**GN662.20**
24 cm/9½″	**GN662.24**

TC Jaws



DEBAKEY

15.0 cm/6″	**GN646.15**
18.0 cm/7″	**GN646.18**
20.5 cm/8″	**GN646.20**
23.0 cm/9″	**GN646.23**
26.5 cm/10½″	**GN646.26**
31.0 cm/12½″	**GN646.31**

TC Jaws



MICROVASCULAR

14.0 cm/5½″	**GN666.00**
17.5 cm/6¾″	**GN666.02**
20.0 cm/8″	**GN666.03**
23.0 cm/9″	**GN666.04**
26.0 cm/10¼″	**GN666.05**

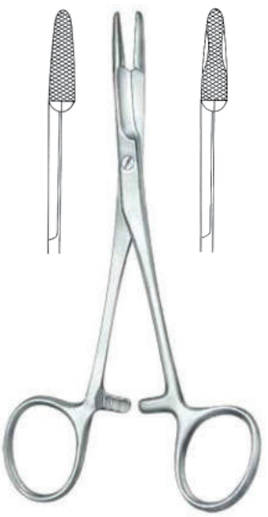


STRATTE
GN451.23
23 cm/9″

TC Jaws



STRATTE
GN665.22
23 cm/9″



OLSEN-HEGAR
GN466.14
14 cm/5½″

TC Jaws
smooth



MARTINI

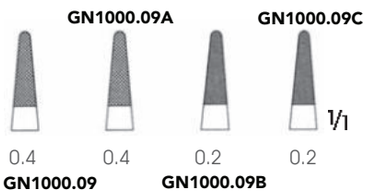
14.0 cm/5½″	**GN668.00**
15.0 cm/6″	**GN668.01**
17.5 cm/6¾″	**GN668.02**
20.0 cm/8″	**GN668.03**

TC Jaws
delicate pattern



MARTINI

14.0 cm/5½″	**GN670.00**
15.0 cm/6″	**GN670.01**
17.5 cm/6¾″	**GN670.02**
20.0 cm/8″	**GN670.03**





DE BAKEY
GN1000.09-GN1000.09C
Çok hassas/Very delicate

TC Jaws



OLSEN-HEGAR

14.5 cm/5¾″	**GN672.14**
17.0 cm/6¾″	**GN672.17**
19.5 cm/7¾″	**GN672.18**



HEGAR
GN1000.11
20.5 cm/8″



MATHIEU

14.0 cm/5½″	**GN516.14**
17.0 cm/6¾″	**GN516.17**
20.5 cm/8″	**GN516.20**

TC Jaws



MATHIEU

14.0 cm/5½″	**GN676.14**
17.0 cm/6¾″	**GN676.17**
20.5 cm/8″	**GN676.20**

TC Jaws



MATHIEU

14.0 cm/5½″	**GN678.14**
17.0 cm/6¾″	**GN678.17**
20.5 cm/8″	**GN678.20**

Fine/Delicate

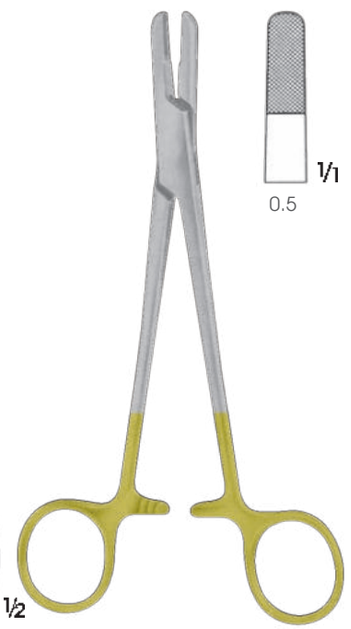


MATHIEU

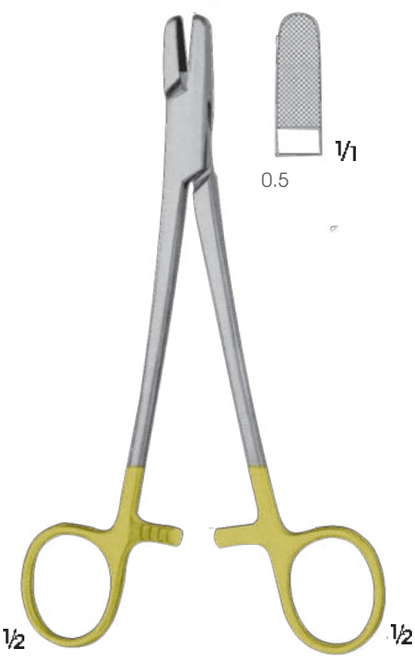
14.0 cm/5½″	**GN526.14**
17.0 cm/6¾″	**GN526.17**



GN1000.08
Tel bükücü/Wire twister
Bağlama pensi/Ligature forceps
15 cm



GN1000.01
Tel Bükücü/ Wire twister
Sternum sütur için ligatür pensi
Sternum suture for ligature forceps
17.5 cm



BERRY
GN1000.02
Tel bükücü/Wire twister
Ligatür pensi/Ligature forceps
18.5 cm



BAUMGARTNER
GN1000.03
Tel bükücü/Wire twister
Ligatür pensi/Ligature forceps
20 cm



GN1000.13
16,0 cm/6¼"

TC Jaws



MATHIEU
14.0 cm/5½" **GN674.14**
17.0 cm/6¾" **GN674.17**
20.5 cm/8" **GN674.20**

TC Jaws



ZWEIFEL
20.0 cm/7" **GN696.20**
23.0 cm/9" **GN696.23**



LICHTENBERG
GN576.20
20 cm/8"

TC Jaws



LICHTENBERG
GN686.20
20 cm/8"

TC Jaws



LANGENBECK
18.5 cm/7¼" **GN692.18**
20.5 cm/8" **GN692.20**
23.0 cm/9" **GN692.23**



CRILE
GN500.15
15 cm/16"



TOENNIS
GN574.18
18.5 cm/7¼"

TC Jaws



TOENNIS
GN684.18
18 cm/7"

Jaws
Diamond Dusted



MN030.15 - MN033.23

MN070.15 - MN073.23






	with catch	with catch	without catch	without catch
15 cm/6"	**MN030.15**	**MN031.15**	**MN032.15**	**MN033.15**
18 cm/7"	**MN030.18**	**MN031.18**	**MN032.18**	**MN033.18**
21 cm/8¼"	**MN030.21**	**MN031.21**	**MN032.21**	**MN033.21**
23 cm/9"	**MN030.23**	**MN031.23**	**MN032.23**	**MN033.23**






	with catch	with catch	without catch	without catch
15 cm/6"	**MN070.15**	**MN071.15**	**MN072.15**	**MN073.15**
18 cm/7"	**MN070.18**	**MN071.18**	**MN072.18**	**MN073.18**
21 cm/8¼"	**MN070.21**	**MN071.21**	**MN072.21**	**MN073.21**
23 cm/9"	**MN070.23**	**MN071.23**	**MN072.23**	**MN073.23**








	with catch	with catch	without catch	without catch
15 cm/6"	**MN606.15**	**MN605.15**	**MN608.15**	**MN607.15**
18 cm/7"	**MN606.18**	**MN605.18**	**MN608.18**	**MN607.18**
21 cm/8¼"	**MN606.21**	**MN605.21**	**MN608.21**	**MN607.21**
23 cm/9"	**MN606.23**	**MN605.23**	**MN608.23**	**MN607.23**





MN306.14



MN307.14



CASTROVIEJO
14.5 cm/5¾"

with catch



MN308.14



MN309.14



CASTROVIEJO
14.5 cm/5¾"

without catch



with catch

CASTROVIEJO

Jaws
TC Inserts



MN620.14
14.5 cm/5¾"

micro profile



MN621.14
14.5 cm/5¾"

micro profile



MN622.14
14.5 cm/5¾"

smooth jaw



MN623.14
14.5 cm/5¾"

smooth jaw



MN620.18
18 cm/7"

micro profile



MN621.18
18 cm/7"

micro profile



MN620.21
22 cm/8¾"

micro profile



MN621.21
22 cm/8¾"

micro profile



MN300.11
11.5 cm/4½"

without catch



MN300.13
13.5 cm/5¼"

without catch



MN300.14
14 cm/5½"

with catch

BARRAQUER



MN298.10
10.5 cm/4"



MN299.10
10.5 cm/4"

MN298.11
11.5 cm/4½"



MN299.11
11.5 cm/4½"

with catch

BARRAQUER-TROUTMAN

MN288.10

MN289.10



without catch

BARRAQUER-TROUTMAN
10.5 cm/4"

Very delicate jaws



MN302.01

without catch

CASTROVIEJO-FINO
13 cm/5¼"



MN304.01

MN305.01

with catch

CASTROVIEJO-FINO
13 cm/5¼"



MN316.12

MN317.12

CASTROVIEJO
12 cm/4¾"



KALT
MN274.14
13.5 cm/5¼"



MN290.14



MN291.14

ARRUGA
13.5 cm/5¼"



YASARGIL



MN850.20
20 cm/8"



MN851.20
20 cm/8"



MN850.22A
22.5 cm/9"



MN851.22A
22.5 cm/9"





MN852.18

without catch

JACOBSON
18 cm/7"





MN854.18A

with catch

JACOBSON
18 cm/7"



REVERDIN

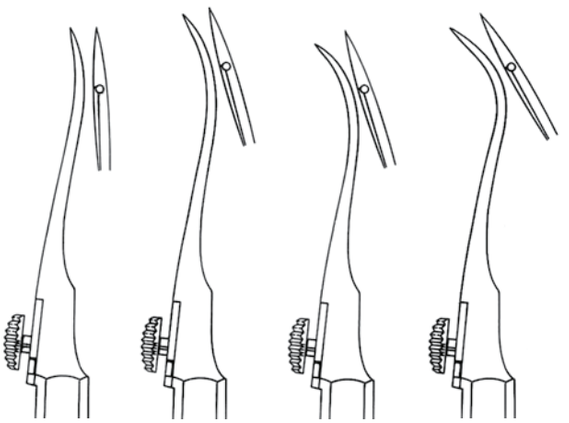


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	
short	**GN701.15**	**GN702.15**	**GN703.15**	**GN704.15**	14.5 cm/5¾"
medium	**GN721.19**	**GN722.19**	**GN723.19**	**GN724.19**	20.0 cm/8"
long	**GN741.23**	**GN742.23**	**GN743.23**	**GN744.23**	23.0 cm/9"

complete, with needle no. 1

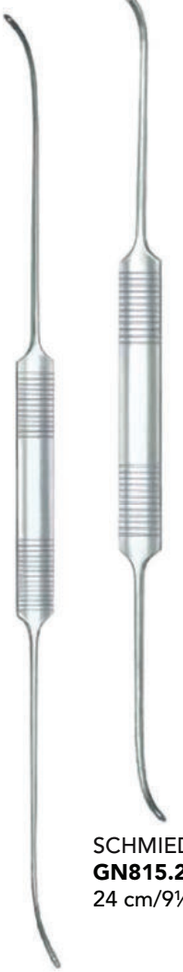


YOUNG
GN775.25
24.5 cm/9½"

Needles only

GN776.01	Fig. 1
GN776.02	Fig. 2
GN776.03	Fig. 3

Malleable



SCHMIEDEN-DICK
GN813.32
30 cm/11¾"

SCHMIEDEN
GN815.21
24 cm/9½"

Ligature conductors



SCHMIEDEN
GN871.19
18 cm/7"

SCHMIEDEN-PAYR
GN872.19
18 cm/7"



KOENIG
20 cm/8"

GN875.03	Fig. 1
GN875.05	Fig. 2
GN875.07	Fig. 3

Malleable



GN825.20
20 cm/8"



GN832.19
20 cm/8"

right



delicate



left



KRONECKER
GN835.13
12 cm/4¾"

KRONECKER
GN837.13
12 cm/4¾"



GN841.20
20 cm/8″
blunt, for right hand



GN842.20
20 cm/8″
blunt, for left hand



GN843.20
20 cm/8″
sharp, for right hand



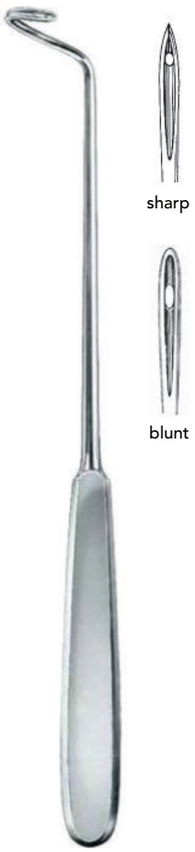
GN844.20
20 cm/8″
sharp, for left hand



GN851.27
27 cm/10½″
sharp, for right hand



GN852.27
27 cm/10½″
sharp, for left hand



DESCHAMPS

sharp

blunt



GN845.21
20 cm/8″
blunt, for right hand



GN846.21
20 cm/8″
blunt, for left hand



GN847.21
20 cm/8″
sharp, for right hand



GN848.21
20 cm/8″
sharp, for left hand



GN849.27
27 cm/10½″
blunt, for right hand



GN850.27
27 cm/10½″
blunt, for left hand



GN855.20
21 cm/8¼″
sharp, for right hand



GN856.20
21 cm/8¼″
sharp, for left hand



GN857.20
21 cm/8¼″
blunt, for right hand



GN858.20
21 cm/8¼″
blunt, for left hand



GN859.20
21 cm/8¼″
blunt, for right hand



GN860.20
21 cm/8¼″
blunt, for left hand



GN839.24
24 cm/9½″
blunt, for right hand



GN840.24
24 cm/9½″
blunt, for left hand



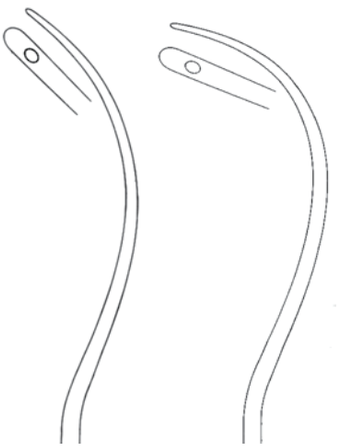
GN853.20
28 cm/11″
blunt, for right hand



GN854.20
28 cm/11″
blunt, for left hand



GN1000.12
Sütur için huk/Suture for hook
27 cm



GN861.30
Fig. 1

GN862.30
Fig. 2



BRUNNER
30 cm/11¾"



GN863.30
Fig. 1



GN864.30
Fig. 2



KIRSCHNER
GN865.25
25.5 cm/10"



KIRSCHNER
GN866.28
28 cm/11"



GN867.25
19.5 cm/7¾"



PAYR
GN877.22
20 cm/8"



GN878.22
20 cm/8"

ligature catcher



MOD.WIEN
GN882.23
23.5 cm/9¼"

knot tier



GN884.21
22 cm/8¾"

ligature adjuster



GN886.23
23 cm/9"

Screw lock



RICHTER
GN935.14
13.5 cm/5¼"

for applying and removal of clips



MICHEL
GN920.12
12.5 cm/5"

for applying and removal of clips



MICHEL
GN929.12
13 cm/5¼"



MICHEL
GN916.12
12 cm/4¾"



HEGENBARTH
GN922.12
12 cm/4¾"



WACHENFELDT
GN924.12
12 cm/4¾"

Approximation forceps heavy pattern

With clip holder



CHILDE
GN910.18
17 cm/6¾"

inside ed

GD

DERMATOLOGY





Lupus scraper



VIDAL
GD135.14
13 cm/5¼"

Lupus instruments



FOX
14 cm/5½"

Fig.	Round	Oval
1	**GD188.01**	**GD189.01**
2	**GD188.02**	**GD189.02**
3	**GD188.03**	**GD189.03**
4	**GD188.04**	**GD189.04**



WOLFF
14 cm/5½"

Fig.	
1	**GD196.01**
2	**GD196.02**
3	**GD196.03**
4	**GD196.04**
5	**GD196.05**
6	**GD196.06**

Hooklets



KILNER
GD203.15
14.5 cm/5¾"



GILLES
18 cm/7"

GD.207.18
Fig. 1

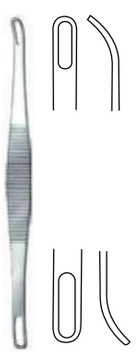
GD.209.18
Fig. 2

Sharp



KAYE
13 cm/5¼"

Prongs	
4	**GD215.03**
5	**GD215.04**



SCHAMBERG
GD279.10
9.5 cm/3¾"

Dermal punches



KEYES
11 cm/4¼"



GD240.02
Ø 2 mm

GD240.03
Ø 3 mm

GD240.04
Ø 4 mm

GD240.05
Ø 5 mm

GD240.06
Ø 6 mm

GD240.07
Ø 7 mm

GD240.08
Ø 8 mm



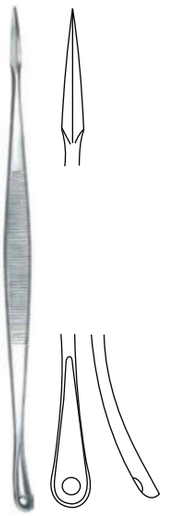
UNNA
GD261.14
14.5 cm/5¾"



UNNA
GD263.14
14 cm/5½"



SAALFELD
GD271.10
11 cm/4¼"



SAALFELD
GD275.14
14.5 cm/5¾"



KATSCH
GD294.14
16 cm/6¼"



UNNA-VIDAL
GD296.11
11 cm/4¼"

Facial flap demarcators



PITANGUY

	With Ratchet	Without Ratchet
16 cm/6¼"	**BM956.16**	**BM957.16**
25 cm/10"	**BM956.25**	**BM957.25**

Face-lift markers



D'ASSUMPCAO

	With Ratchet	Without Ratchet
16 cm/6¼"	**BM960.16**	**BM961.16**
25 cm/10"	**BM960.25**	**BM961.25**

Nail nippers



GD331.14
14 cm/5½"



14 cm/5½" **GD328.14**
16 cm/6¼" **GD328.16**



TURNBULL
12 cm/4¾" **GD341.11**
13 cm/5¼" **GD341.13**



GD347.13
14 cm/5½"



GD353.12
12 cm/4¾"

Straight cutting edge



10 cm/4" **GD360.11**
13 cm/5" **GD360.13**
15 cm/6" **GD360.15**

Cuticle nippers



11 cm/4¼" **GD365.11**
13 cm/5¼" **GD365.13**



GD373.10
11 cm/4¼"



GD305.10
10.5 cm/4"



11.5 cm/4½"
Straight **GD378.10** **GD378.12**
Curved **GD379.10** **GD379.12**

Nail files



GD386.10
9 cm/3½"



GD388.11
11 cm/4¼"

inside ed

HW HOLLOWWARE





with cover	w/o cover	Diameter x Height	ccm
HW030.27	**HW.010.28**	Ø 110 x 27 mm	200
HW031.40	**HW.011.41**	Ø 110 X 40 mm	300



w/o cover	Diameter x Height	ccm
HW235.11	Ø 116 x 35 mm	200
HW235.12	Ø 128 x 38 mm	300
HW235.14	Ø 147 x 50 mm	400
HW235.16	Ø 167 x 45 mm	500
HW235.18	Ø 187 x 45 mm	800



w/o cover	Diameter x Height	ccm
HW231.04	Ø 40 x 19 mm	20
HW231.06	Ø 61 x 30 mm	60
HW231.08	Ø 80 x 40 mm	160
HW231.11	Ø 116 x 50 mm	250
HW231.12	Ø 128 x 55 mm	350
HW231.14	Ø 147 x 65 mm	500
HW231.16	Ø 167 x 75 mm	1000
HW231.18	Ø 187 x 85 mm	1,300

With Spout



	Diameter x Height	ccm
HW232.04	(Ø 40 x 19 mm)	20
HW232.06	(Ø 61 x 30 mm)	70
HW232.08	(Ø 80 x 40 mm)	140
HW232.11	(Ø 116 x 50 mm)	250
HW232.12	(Ø 128 x 55 mm)	350
HW232.14	(Ø 147 x 65 mm)	500
HW232.16	(Ø 167 x 75 mm)	1000
HW232.18	(Ø 187 x 85 mm)	1,300

Wash basin



w/o cover	Diameter x Height	ccm
HW176.33	Ø 330 x 90 mm	6,000
HW178.33	Ø 330 x 115 mm	8,000

Wash basin



	Diameter x Height	ccm
HW348.18	Ø 150 x 74 mm	750
HW348.20	Ø 160 x 65 mm	1,000
HW348.22	Ø 220 x 70 mm	2,500
HW348.24	Ø 400 x 150 mm	14,000

Mayo trays



MAYO	Length x Width x Height
HW324.21	210 x 160 x 11 mm
HW324.24	240 x 180 x 8 mm
HW324.30	310 x 150 x 11 mm
HW324.31	310 x 160 x 11 mm
HW324.35	350 x 235 x 10 mm
HW324.40	400 x 300 x 12 mm
HW324.42	425 x 290 x 18 mm

With cover



with knob	w/o knob	Length x Width x Height
HW411.16	**HW412.16**	165 x 85 x 35 mm
HW411.20	**HW412.20**	200 x 100 x 35 mm
HW411.21	**HW412.21**	200 x 100 x 50 mm
HW411.23	**HW412.23**	230 x 130 x 50 mm
HW411.26	**HW412.26**	360 x 150 x 50 mm
HW411.27	**HW412.27**	270 x 235 x 50 mm
HW411.30	**HW412.30**	300 x 200 x 50 mm
HW411.32	**HW412.32**	325 x 275 x 30 mm
HW411.33	**HW412.33**	325 x 275 x 50 mm
HW411.42	**HW412.42**	420 x 80 x 40 mm
HW411.43	**HW412.43**	420 x 175 x 50 mm

Instrument trays



	Length x Width x Height
HW340.23	235 x 190 x 40 mm
HW340.24	300 x 175 x 30 mm
HW340.25	300 x 175 x 40 mm
HW340.26	350 x 240 x 36 mm
HW340.27	400 x 300 x 50 mm

With cover



	Length x Width x Height
HW419.20	205 x 105 x 35 mm

Kidney / Emesis trays



	Length x Width x Height
HW673.17	170 x 100 x 35 mm
HW673.25	250 x 140 x 40 mm
HW673.27	275 x 150 x 45 mm

Storing cup
for micro instruments



	Diameter x Height
HW348.00	Ø 75 x 75 mm

Forceps holding jars



with cover	Diameter x Height
HW360.30	Ø 30 x 90 mm
HW360.50	Ø 50 x 100 mm
HW360.51	Ø 50 x 130 mm
HW360.52	Ø 50 x 175 mm
HW360.75	Ø 75 x 100 mm
HW.360.76	Ø 75 x 130 mm
HW360.77	Ø 75 x 175 mm
HW360.98	Ø 100 x 175 mm
HW360.99	Ø 100 x 200 mm

Dressing & sterilizing drum



	Diameter x Height
HW200.08	80 x 80 mm
HW200.12	105 x 120 mm
HW200.14	140 x 140 mm
HW200.16	160 x 120 mm
HW200.17	160 x 150 mm
HW200.19	190 x 150 mm
HW200.20	190 x 190 mm
HW200.23	240 x 160 mm
HW200.24	240 x 240 mm
HW200.28	290 x 160 mm
HW200.29	290 x 240 mm
HW200.33	340 x 160 mm
HW200.34	340 x 340 mm
HW200.38	390 x 190 mm
HW200.39	390 x 290 mm

Petri dishes



	Diameter x Height	
HW280.00	Ø 100 x 20 mm	Dish & Lid
HW280.01	Ø 96 x 20 mm	Dish Only
HW280.02	Ø 285 x 10 mm	Lid Only



Needle Cases
Complete with perforated interior box

	Diameter x Height
HW309.65	Ø 67 mm x 18 mm

Interior box perforated lid and bottom

	Diameter x Height
HW310.65	Ø 65 mm x 13 mm

Metal Cup



HW650.90
Ø 90 x 90 mm

Septum cup



HW860.50
Ø 100 x 50 mm

Bed pans



	Length x Width x Height
HW910.00	380 x 230 x 95 mm
HW911.01	350 x 270 x 100 mm

Bed pans



	Diameter	
HW702.23	Ø 235 mm	Lid with Knob
HW702.31	Ø 310 mm	Lid with Knob
HW704.23	Ø 235 mm	Lid with Hook Handle
HW704.31	Ø 310 mm	Lid with Hook Handle
HW708.23	Ø 235 mm	Without Lid
HW708.31	Ø 310 mm	Without Lid

Methot cotton dispenser

with cover



HW860.01
Ø 50 x 75 mm

Graduated jugs



	ccm
HW256.02	250
HW256.05	500
HW256.10	1,000
HW256.20	2,000

Cotton & catgut jars



with cover	Diameter x Height
HW431.02	Ø 75 x 60 mm
HW431.04	Ø 75 x 75 mm
HW431.06	Ø 100 x 60 mm
HW431.10	Ø 100 x 100 mm
HW432.08	Ø 125 x 80 mm
HW432.12	Ø 125 x 125 mm
HW435.15	Ø 150 x 150 mm

w/o cover



HW860.02
Ø 50 x 75 mm

Eneema can



	ccm
HW850.01	1,000
HW851.15	1,500
HW852.20	2,000

Spirit lamps



HW950.20
120 ccm



HW951.20
120 ccm



CHEATTLE
GZ085.27
27 cm/10¾"



GZ091.30
30 cm/12"



GZ470.58
58 cm/23"

Waste forceps



SAUERBRUCH
GZ474.55
55 cm/22"



GZ358.25
25 cm/10"

Dressing Forceps
in jar with cap



GZ358.32
32 cm/12¾"





MAYO
GZ804.14
14 cm/5½"



MAYO
GZ805.14
14 cm/5½"

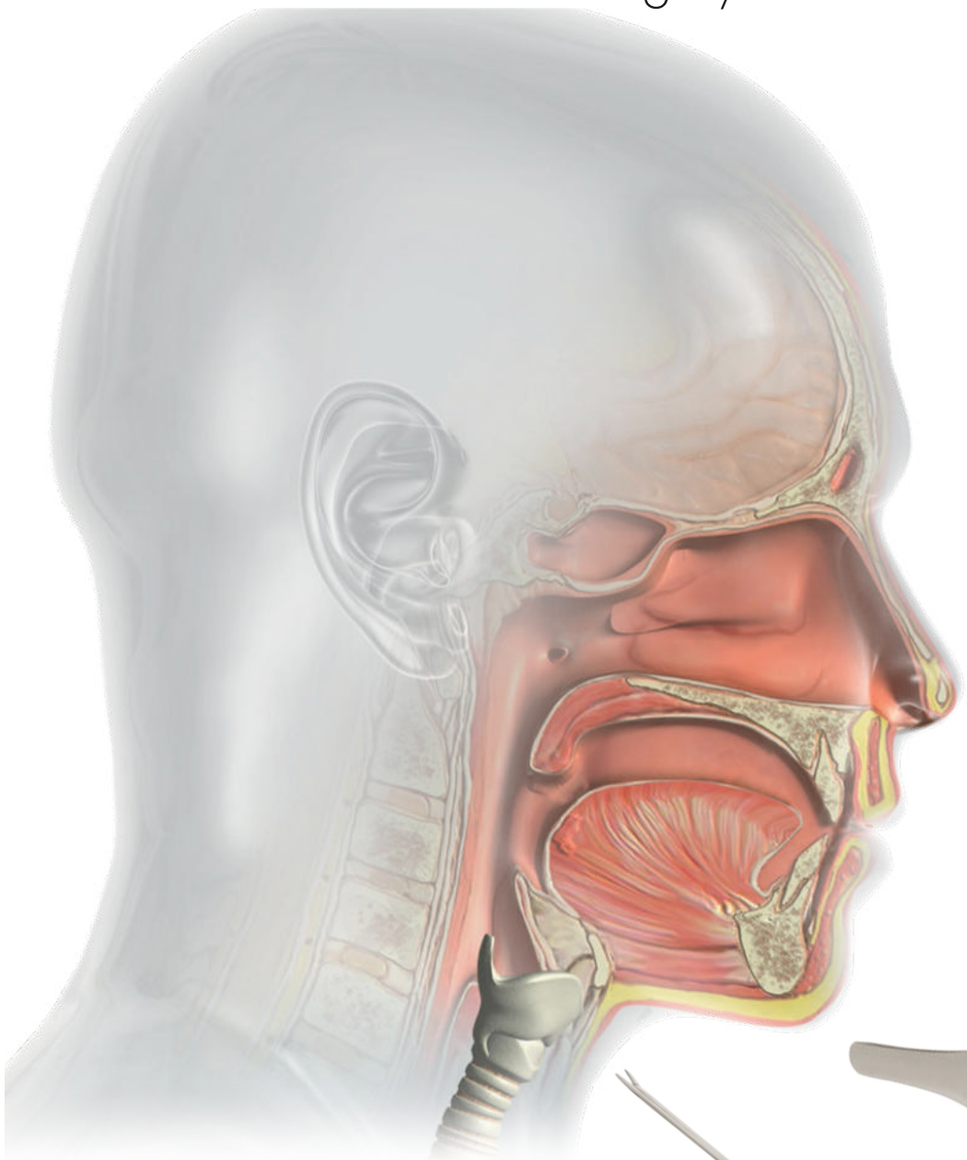


BUNT
GZ1000.01
10.5 cm

insideMed

Ear, Nose, Throat

Instruments - for E.N.T Surgery



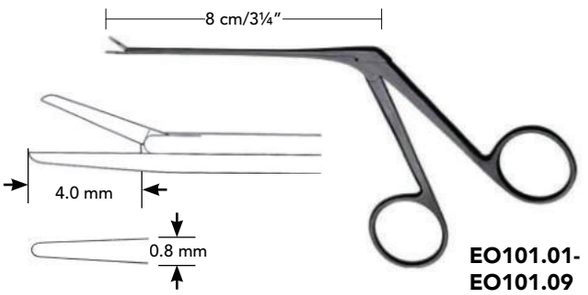


EO  Otology

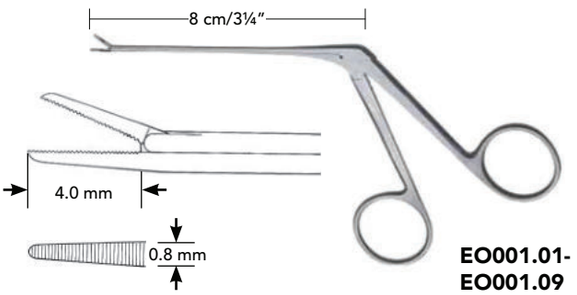
ER  Rhinology

ET  Larynx & Tonsills

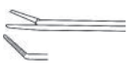
EY  Tracheotomy

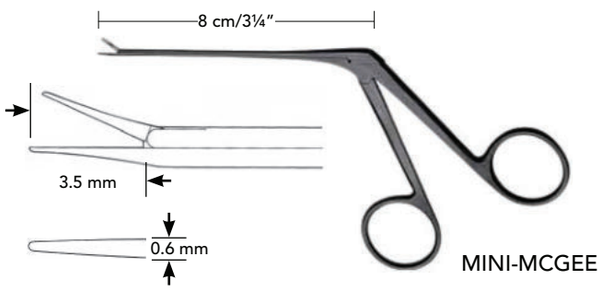


EO101.01-
EO101.09



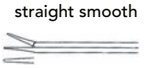
EO001.01-
EO001.09

straight smooth	straight serrated	bent upwards serrated	right serrated	left serrated	
					
EO001.01	**EO001.06**	**EO001.07**	**EO001.08**	**EO001.09**	
EO101.01	**EO101.06**	**EO101.07**	**EO101.08**	**EO101.09**	Black Coated

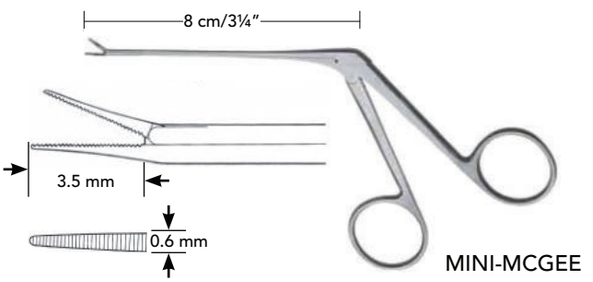


MINI-MCGEE

straight smooth

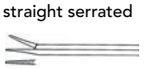


EO101.11

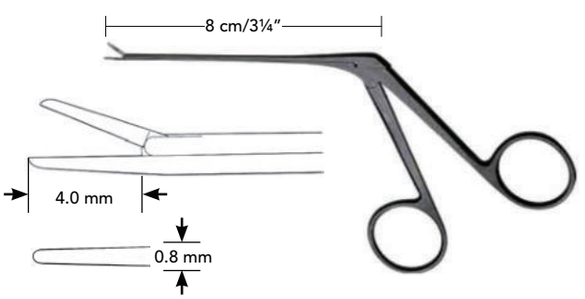


MINI-MCGEE

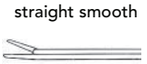
straight serrated



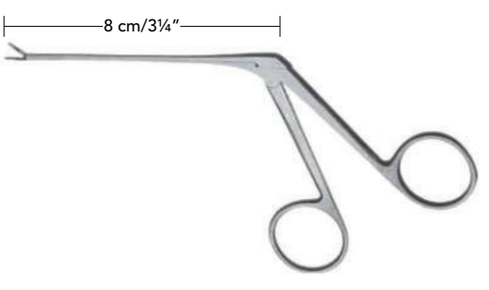
EO001.16



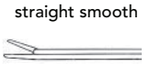
straight smooth



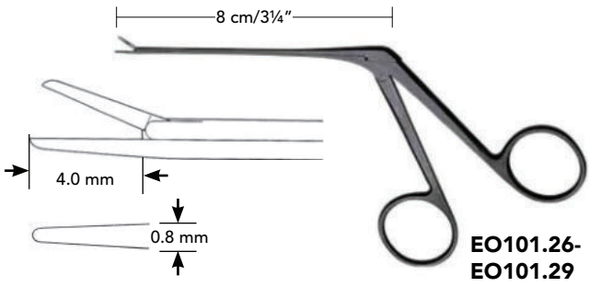
EO101.21



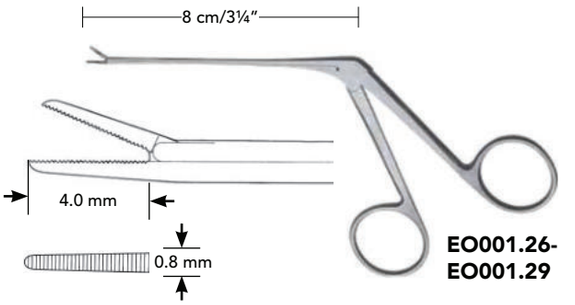
straight smooth



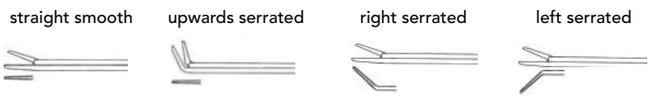
EO001.21



EO101.26-
EO101.29

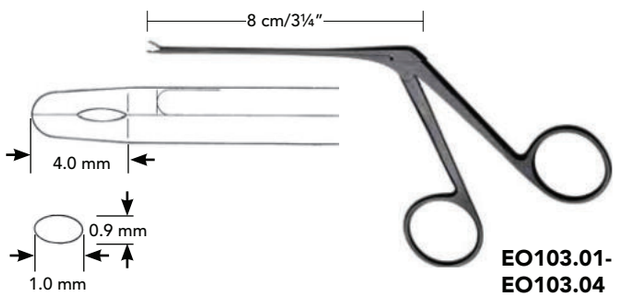


EO001.26-
EO001.29

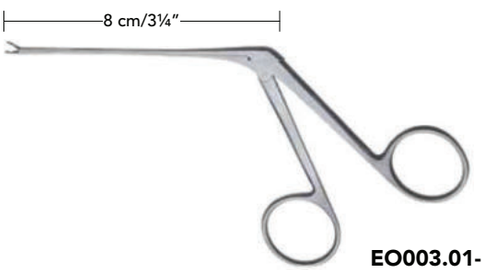


EO.001.26	**EO.001.27**	**EO.001.28**	**EO001.29**	
EO101.26	**EO101.27**	**EO.101.28**	**EO101.29**	Black Coated

cup shaped

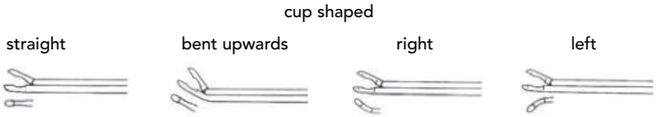


EO103.01-
EO103.04



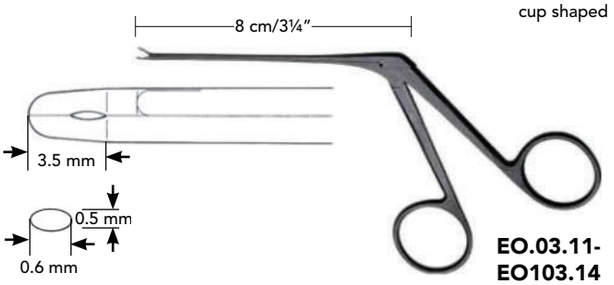
EO003.01-
EO003.04

cup shaped

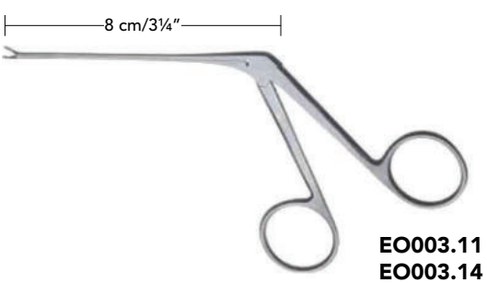


EO003.01	**EO.003.02**	**EO.003.03**	**EO.003.04**	
EO103.01	**EO103.02**	**EO103.03**	**EO103.04**	Black Coated

cup shaped



EO.03.11-
EO103.14

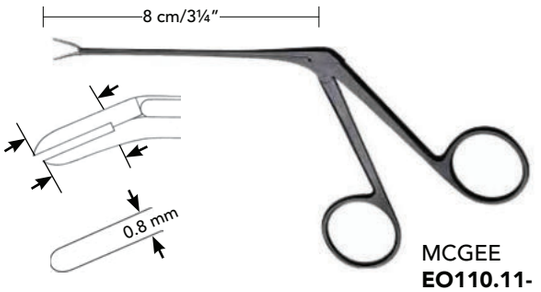


EO003.11
EO003.14

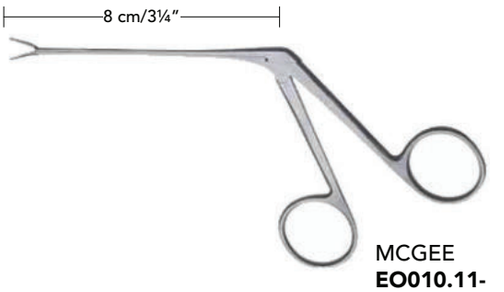


EO003.11	**EO003.12**	**EO003.13**	**EO003.14**	
EO103.11	**EO103.12**	**EO103.13**	**EO103.14**	Black Coated

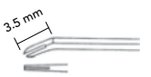
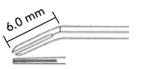
Wire bending forceps



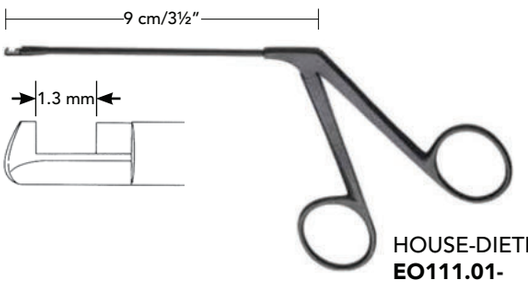
MCGEE
EO110.11-
EO110.12



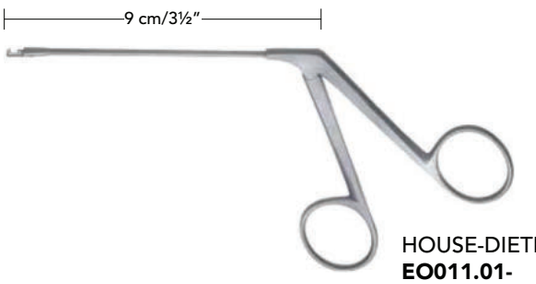
MCGEE
EO010.11-
EO010.12

angled downward	angled downward
	
0.8 x 3.5 mm	0.8 x 3.5 mm
EO010.11	**EO010.12**
EO110.11	**EO110.12** Black Coated

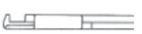
Malleus Nipper



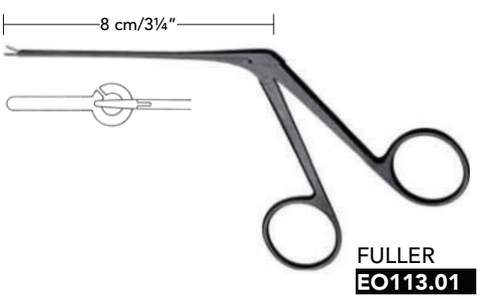
HOUSE-DIETER
EO111.01-
EO111.07



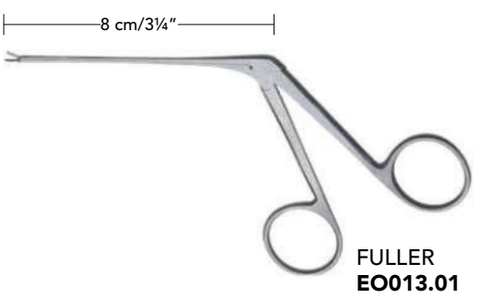
HOUSE-DIETER
EO011.01-
EO011.07

up cutting	down cutting	right cutting	left cutting
			
EO011.01	**EO011.02**	**EO011.06**	**EO011.07**
EO111.01	**EO111.02**	**EO111.06**	**EO111.07** Black Coated

Introducing Forceps, for teflon prosthesis

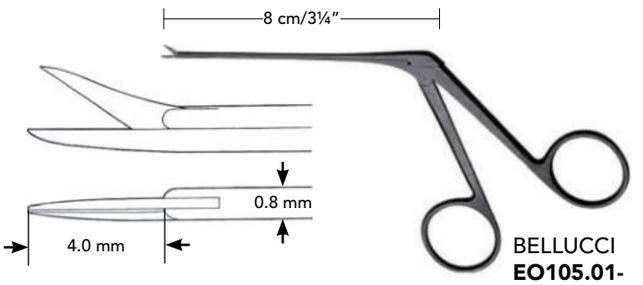


FULLER
EO113.01

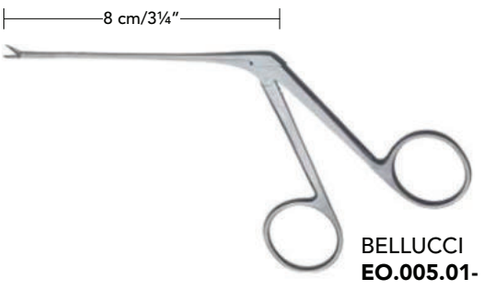


FULLER
EO013.01

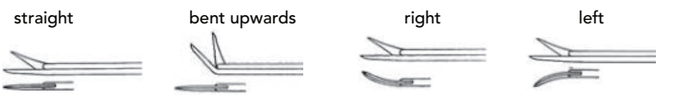
very delicate



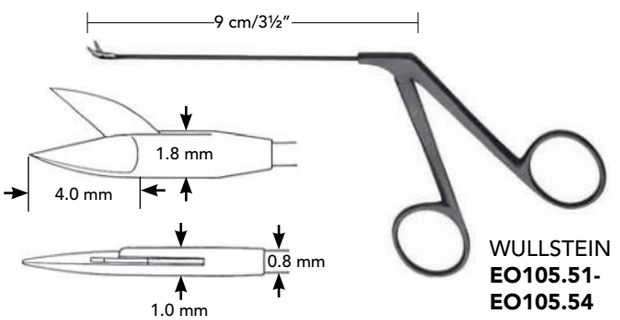
BELLUCCI
EO105.01-
EO105.04



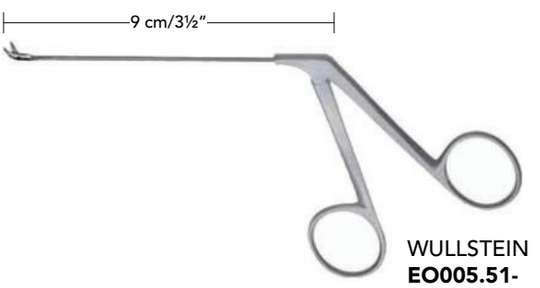
BELLUCCI
EO.005.01-
EO.005.04



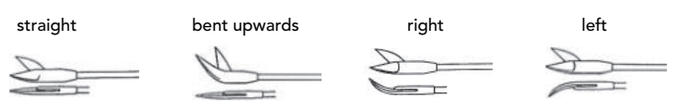
EO005.01	**EO005.02**	**EO005.03**	**EO005.04**	
EO105.01	**EO105.02**	**EO105.03**	**EO105.04**	Black Coated



WULLSTEIN
EO105.51-
EO105.54



WULLSTEIN
EO005.51-
EO005.54



EO005.51	**EO005.52**	**EO005.53**	**EO005.54**	
EO105.51	**EO105.52**	**EO105.53**	**EO105.54**	Black Coated

Sickle Knife



SCHUKNECHT
EO020.06
14.5 cm/5¾"

Sickle Knife



WULLSTEIN
EO020.11
15.5 cm/6¼"

Mucosa Knife



TABB
EO020.16
15.5 cm/6¼"

Flap Knife



PLESTER
EO020.21
15 cm/6"



ROSEN
15 cm/6"

Ø 3.0 mm



EO022.01
Fig. 1

Ø 2.8 mm



EO022.02
Fig. 2

Ø 2.6 mm



EO022.03
Fig. 3

Ø 2.0 mm



EO022.04
Fig. 4
17.5 cm

Ø 1.6 mm



EO022.05
Fig. 1

Ø 1.4 mm



EO022.06
Fig. 2

Ø 1.0 mm



EO022.07
Fig. 3



16 cm/6¼"



BARBARA
EO024.01



BARBARA
EO024.02



BARBARA
EO024.03



ROSEN
EO024.04

25°



0.3 mm	**EO024.06**	
0.6 mm	**EO024.07**	
1.0 mm	**EO024.08**	

hook

45°



90°

0.3 mm	**EO024.11**	**EO024.21**
0.6 mm	**EO024.12**	**EO024.22**
1.0 mm	**EO024.13**	**EO024.23**
1.2 mm	**EO024.14**	**EO024.24**
1.5 mm	**EO024.15**	**EO024.25**
2.0 mm	**EO024.16**	**EO024.26**
2.5 mm	**EO024.17**	**EO024.27**

hook

0.5 mm	**EO024.31**
1.0 mm	**EO024.32**



15.5 cm/6"

bent upwards

angled

0.3 mm	**EO025.01**	**EO025.06**
0.6 mm	**EO025.02**	**EO025.07**
1.0 mm	**EO025.03**	**EO025.08**

bent upwards

angled

	MCGEE	MCGEE
0.5 mm	**EO027.01**	**EO027.11**
1.0 mm	**EO027.02**	**EO027.12**



BARBARA
15.5 cm/6″



EO029.01



EO029.02



15 cm/6″



EO030.06
Ø 0.3 mm



EO030.07
Ø 0.6 mm

SHAMBAUGH
EO030.08
Ø 1.0 mm

EO030.11
Ø 0.3 mm



EO030.12
Ø 0.6 mm



SHAMBAUGH
EO030.13
Ø 1.0 mm



SHEA
EO030.20
Ø 2.0 mm



AUSTIN
EO030.30
Ø 3.0 mm



FISCH



EO036.01
15 cm/6″



EO036.02
15 cm/6″



EO036.05
15.5 cm/6¼″



EO036.06
15.5 cm/6¼″





ROSEN
EO036.23
15 cm/6″



HOUSE
15.5 cm/6¼″

EO038.01
Ø 3.5 mm



EO038.02
Ø 4.0 mm



EO038.03
Ø 4.5 mm



EO038.04
Ø 5.0 mm



HOUSE
14.5 cm/5¾″

Ø 1.0 x 1.2 mm	**EO044.01**
Ø 1.5 x 1.8 mm	**EO044.02**
Ø 1.0 x 1.2 mm	**EO044.03**

EO111.10
Ø 1.8 mm

EO111.11
Ø 3.2 mm

EO111.12
Ø 4.6 mm

EO112.10
Ø 3 mm
Fig. 0

EO112.10
Ø 3.5 mm
Fig. A

EO112.11
Ø 4 mm
Fig. 1

EO112.12
Ø 5 mm
Fig. 2

EO112.13
Ø 6 mm
Fig. 3

EO112.13L
Ø 6.5 mm
Fig. B

EO112.14
Ø 7.5 mm
Fig. 4



HARTMANN
3.6 cm/1½"

Set for Children	Fig. 0,1,2	**EO112.03**
	Fig. A,2,B	**EO113.03**
Set for Adults	Fig. 2,3,4	**EO114.03**
	Fig. 1,2,3,4	**EO115.04**

EO.118.11
Ø 4 mm
Fig. 1

EO.118.13
Ø 6 mm
Fig. 3

EO118.12
Ø 5 mm
Fig. 2

EO118.14
Ø 7.5 mm
Fig. 4



TOYNBEE
3.6 cm/1½"

Set for Adults	Fig. 2 - 4	**EO118.03**
	Fig. 1 - 4	**EO119.04**

oval, black



ZOELLNER
3.8 cm/1½"

Ear specula set
EO132.00
Fig. 1 - 6

EO132.01
5.5 x 6.5 mm
Fig. 1

EO132.02
6.5 x 7.5 mm
Fig. 2

EO132.03
7.5 x 8.5 mm
Fig. 3

EO132.04
8.5 x 9.5 mm
Fig. 4

EO132.05
9.5 x 10.5 mm
Fig. 5

EO132.06
10.5 x 11.5 mm
Fig. 6

round black



FARRIOR
3.5 cm/1½"

Ear specula set
EO134.00
Fig. 1 - 7

EO134.01
Ø 5.5 mm
Fig. 1

EO134.02
Ø 6.5 mm
Fig. 2

EO134.03
Ø 7.5 mm
Fig. 3

EO134.04
Ø 8.5 mm
Fig. 4

EO134.05
Ø 9.5 mm
Fig. 5

EO134.06
Ø 10.5 mm
Fig. 6

EO134.07
Ø 11.5 mm
Fig. 7

Ear specula storage rack



EO148.12

EO120.82
Ø 8.2 mm

EO120.77
Ø 7.7 mm

EO120.72
Ø 7.2 mm

EO120.67
Ø 6.7 mm

EO120.63
Ø 6.3 mm

EO120.58
Ø 5.8 mm

EO120.53
Ø 5.3 mm

EO120.48
Ø 4.8 mm

EO120.43
Ø 4.3 mm

EO120.38
Ø 3.8 mm

EO120.33
Ø 3.3 mm



FARRIOR

EO121.90
9.0 mm

EO121.85
8.5 mm

EO121.80
8.0 mm

EO121.75
7.5 mm

EO121.70
7.0 mm

EO121.65
6.5 mm

EO121.60
6.0 mm

EO121.55
5.5 mm

EO121.50
5.0 mm

EO121.45
4.5 mm

EO121.40
4.0 mm

20°



FARRIOR

EO122.90
9.0 mm

EO122.85
8.5 mm

EO122.80
8.0 mm

EO122.75
7.5 mm

EO122.70
7.0 mm

EO122.65
6.5 mm

EO122.60
6.0 mm

EO122.55
5.5 mm

EO122.50
5.0 mm

EO122.45
4.5 mm

EO122.40
4.0 mm

35°



FARRIOR

ALUMINIUM

with dampers



MARTIN
EO180.10
C 128



MARTIN
EO182.11
C 256



MARTIN-ALLOY
EO184.12
C 512



MARTIN-ALLOY
EO186.13
C 1024



MARTIN-ALLOY
EO188.14
C 2048



HARTMANN
EO189.10
C 128



HARTMANN
EO192.11
C^1 256



HARTMANN
EO194.12
C^2 512



HARTMANN
EO196.13
C^3 1024



HARTMANN
EO198.14
C^4 2048



HARTMANN
EO200.15
C^5 4096



LUCAE
EO210.10
C 128



LUCAE
EO212.11
C¹ 256



LUCAE
EO214.12
C² 512



LUCAE
EO216.13
C³ 1024



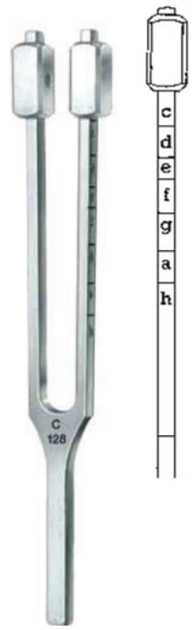
LUCAE
EO218.14
C⁴ 2048



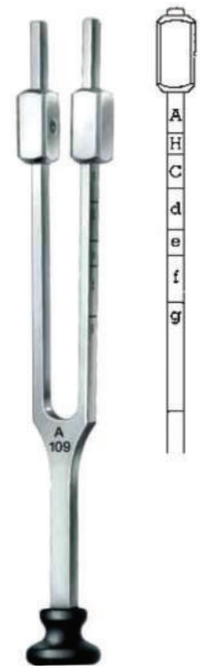
LUCAE
EO220.15
C⁵ 4096



LUCAE
EO221.10
C 128



HARTMANN
EO222.10
C 128



KOENIG
EO230.59
C 109



HARTMANN
EO223.11
C¹ 128



EO234.61
a¹ 440



FRENCH
EO170.07
C² 16



FRENCH
EO172.08
C¹ 32



HARTMANN
EO172.09
C¹ 32



HARTMANN
EO174.10
C 128

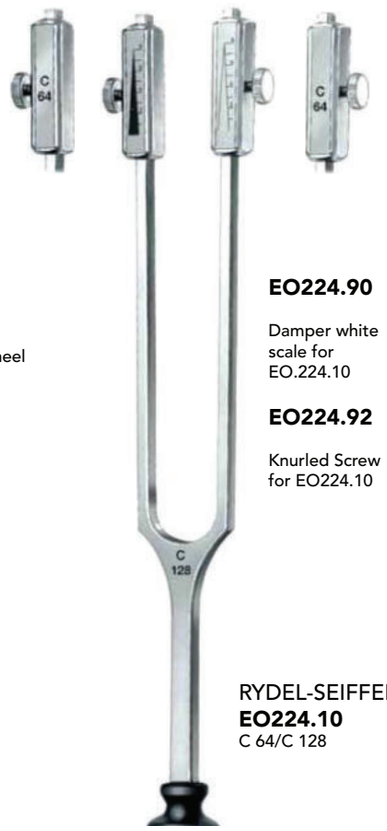


HARTMANN
EO177.11
C¹ 256



hammer, panwheel
brush & wheel

NEURO
EO226.00
C 64/C 128



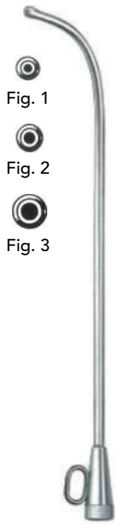
EO224.90 Damper white scale for EO.224.10

EO224.91 Damper Black scale for EO.224.10

EO224.92 Knurled Screw for EO224.10

EO224.93 Weights, C 64 for EO224.10

RYDEL-SEIFFERT
EO224.10
C 64/C 128



HARTMANN
15 cm/6”
Ø 3.0 mm **EO321.01**
Ø 3.5 mm **EO321.02**
Ø 4.0 mm **EO321.03**



KRAUSE
EO351.16
18.5 cm/7¼”



KRAUSE-VOSS
EO353.16
18.5 cm/7¼”



Ø 0.3 mm **EO358.30**
Ø 0.4 mm **EO358.40**

Polypus Snaers for Rhinology



KRAUSE
EO885.26
26 cm/10¼”



KRAUSE
EO887.26
26 cm/10¼”



Ø 0.3 mm **EO898.30**
Ø 0.4 mm **EO898.40**



EO899.12
Ø 0.3 mm
EO899.12B
Ø 0.5 mm

bundle with 12 pieces



TROELTSCH (WILDE)
EO371.11
10.5 cm/4″

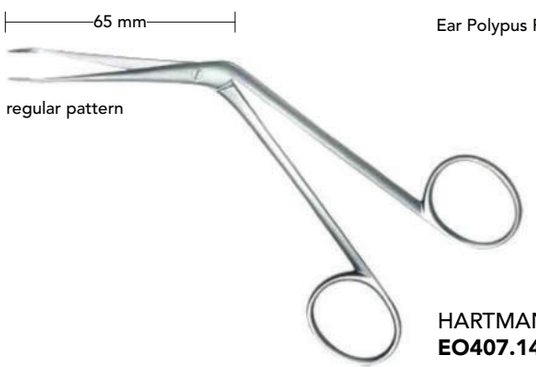
TROELTSCH (WILDE)
EO375.12
11 cm/4¼″

TROELTSCH (WILDE)
EO381.13
12.5 cm/4¾″

LUCAE
EO1000.06
14 cm/5½″

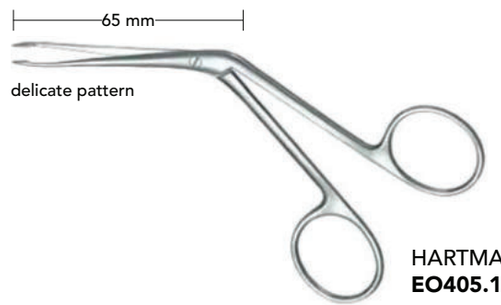
GRUENWALD
EO391.14
14.5 cm/5¾″

JANSEN
16.0 cm/6¼″ **EO395.16**
21.5 cm/8½″ **EO395.20**



Ear Polypus Forceps

HARTMANN
EO407.14



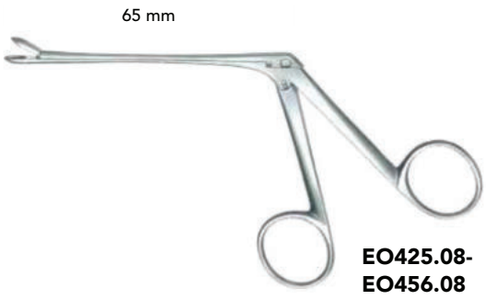
HARTMANN
EO405.12



BUCK
EO416.11
11.5 cm/4½″



QUIRE
EO418.10
10.5 cm/4¼″



EO425.08-
EO456.08



HARTMANN-WULLSTEIN
EO425.08
8.5 cm/3¼"



HARTMANN-WULLSTEIN
EO427.08
8.5 cm/3¼"



HARTMANN-WULLSTEIN
EO445.08
8.5 cm/3¼"



HARTMANN
EO430.08
8.5 cm/3¼"



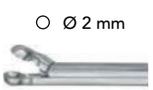
HARTMANN
EO430.14
14 cm/5½"



HARTMANN
EO430.31
8.5 cm/3¼"



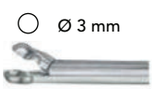
HARTMANN-HOFFMANN
EO456.08
8.5 cm/3¼"



HARTMANN-HERZFELD
EO442.81
8.5 cm/3¼"



HARTMANN-HERZFELD
EO442.82
8.5 cm/3¼"



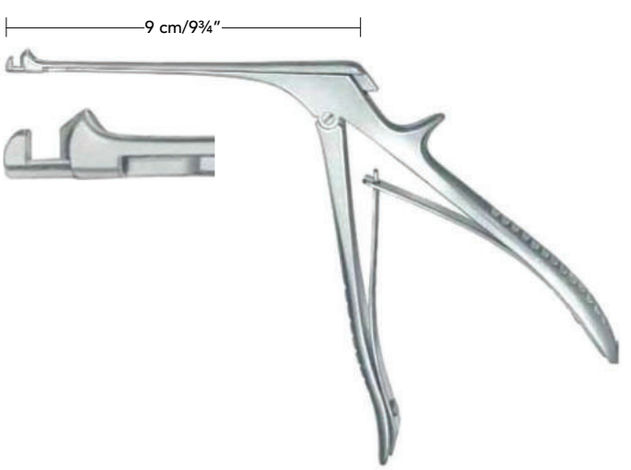
HARTMANN-HERZFELD
EO442.83
8.5 cm/3¼"



STRÜMPEL
EO448.08
8.5 cm/3¼"



CITELLI
EO461.17



Jaw	BEYER
1 mm	**EO463.19**
2 mm	**EO466.14**

straight angled



BUCK
15 cm/6″

sharp

straight

EO494.01	EO494.02	EO494.03	EO494.04	EO494.05	EO494.06	EO494.07
1.8 mm	2.1 mm	2.6 mm	3.2 mm	3.7 mm	4.1 mm	4.4 mm
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4

blunt

EO495.01	EO495.02	EO495.03	EO495.04	EO495.05	EO495.06	EO495.07
1.8 mm	2.1 mm	2.6 mm	3.2 mm	3.7 mm	4.1 mm	4.4 mm
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4

sharp

angled

EO496.01	EO496.02	EO496.03	EO496.04	EO496.05	EO496.06	EO496.07
1.8 mm	2.1 mm	2.6 mm	3.2 mm	3.7 mm	4.1 mm	4.4 mm
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4

blunt

EO497.01	EO497.02	EO497.03	EO497.04	EO497.05	EO497.06	EO497.07
1.8 mm	2.1 mm	2.6 mm	3.2 mm	3.7 mm	4.1 mm	4.4 mm
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4

blunt



LANGENBECK
EO491.13
13 cm/5″



SHAPLEIGH
15 cm/6″



EO493.01
Fig. 1



EO493.02
Fig. 2



JANSEN
EO532.15
16 cm/6¼″



GROSS
EO543.12
16 cm/5″



WEBER-LOCH
EO551.01
17 cm/6″



BILLEAU
16.5/6½″



EO554.01
Fig. 1



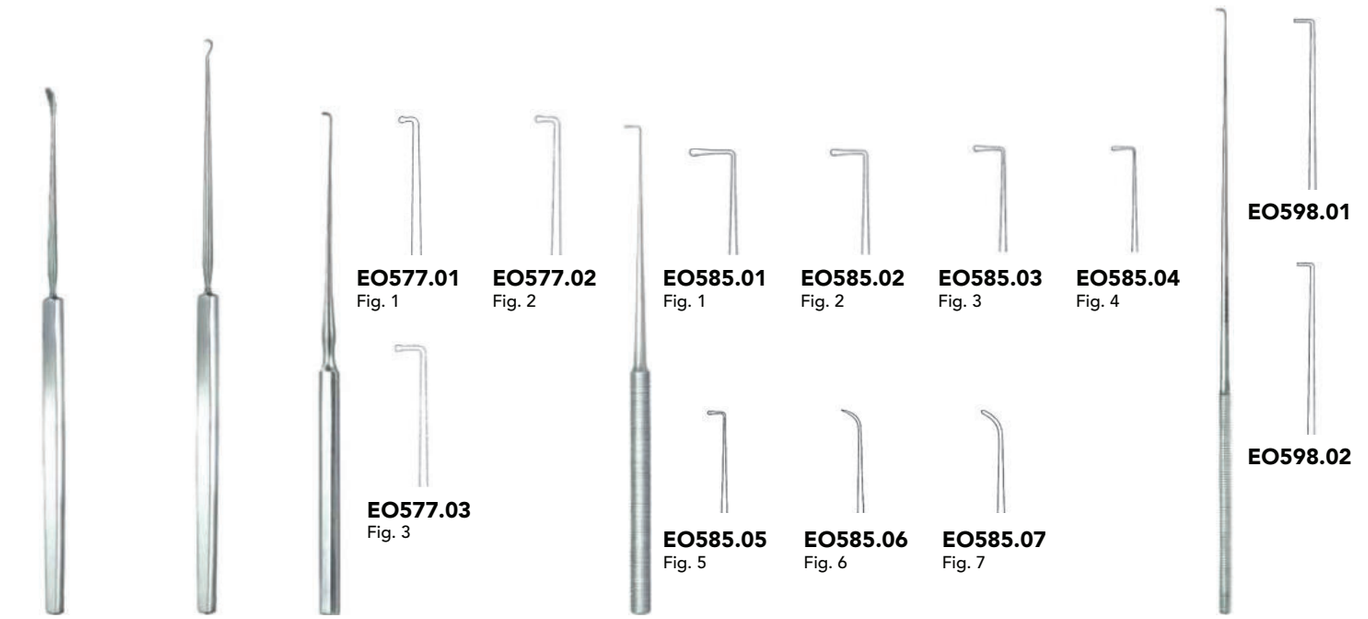
EO554.02
Fig. 2



EO554.03
Fig. 3



MOLDENHAUER
EO561.16
16 cm/6¼″



ZAUFAL
EO563.16
15 cm/6″

HARTMANN
EO570.16
16 cm/6¼″

LUCAE
14 cm/5½″

EO577.01
Fig. 1

EO577.02
Fig. 2

EO577.03
Fig. 3

WAGENER
14 cm/5½″

EO585.01
Fig. 1

EO585.02
Fig. 2

EO585.03
Fig. 3

EO585.04
Fig. 4

EO585.05
Fig. 5

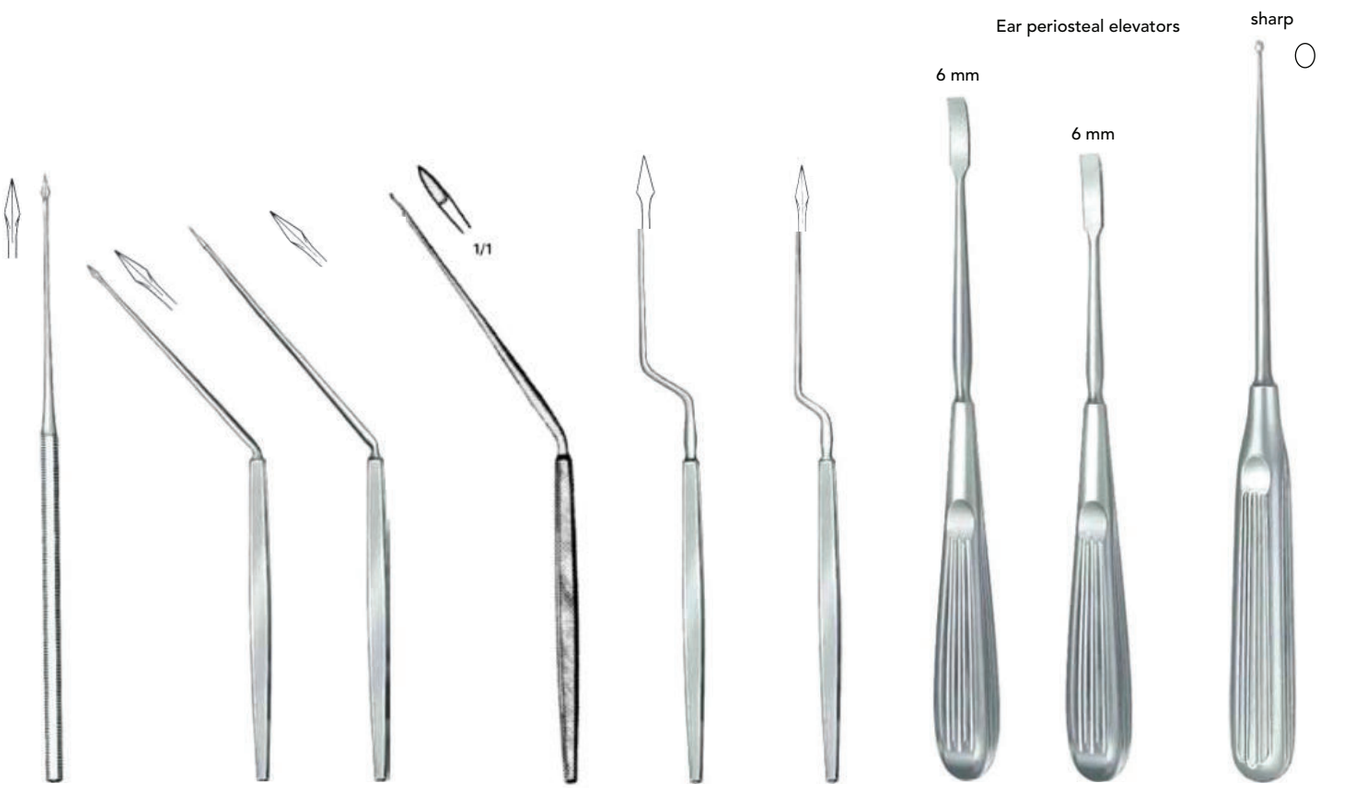
EO585.06
Fig. 6

EO585.07
Fig. 7

DAY
17 cm/6¾″

EO598.01

EO598.02



POLITZER
EO630.16
17.5 cm/7″

POLITZER
EO655.16
15.5 cm/6″

POLITZER
EO657.16
16 cm/6¼″

SEXTON
EO1000.00
17 cm/6¾″

LUCAE
EO661.18
18 cm/7″

LUCAE
EO663.18
16 cm/6¼″

LEMPERT
EO737.20
20.5 cm/8″

LEMPERT
EO739.17
18 cm/7″

Fig.	LEMPERT
1	**EO743.10**
2	**EO743.20**
3	**EO743.30**
4	**EO743.40**
5	**EO743.50**

Valve Attachment



EO794.02

Suction Nozzle



EO794.04

Protecting Disc



EO794.05



EO794.03

Flexible tube

Metal Olive



EO794.06

Conical tip



EO794.07

Button ended tip



EO794.08

Threaded tip



EO794.09



EO794.00

complete, self filling
in plastic pouch

Irrigation adapter



EO795.91

Irrigation adapter



EO795.92



EO795.00
50 ml

complete with protection
disc & 2 tips

EO795.04
100 ml

complete with protection
disc & 2 tips

EO795.90

Ear Syringe

inside ed

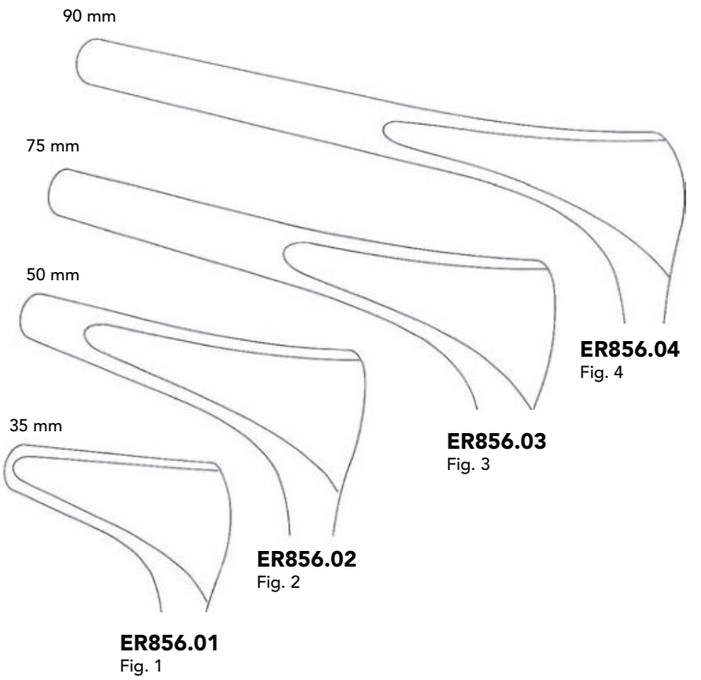
ER

RHINOLOGY



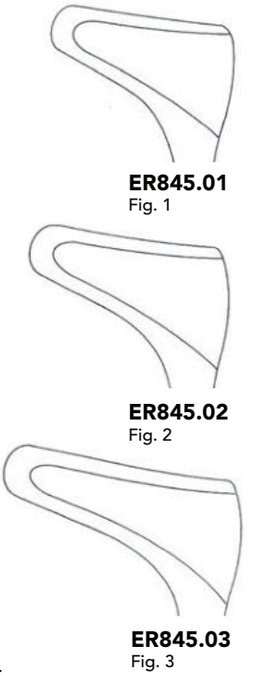


KILLIAN
14 cm/5½"



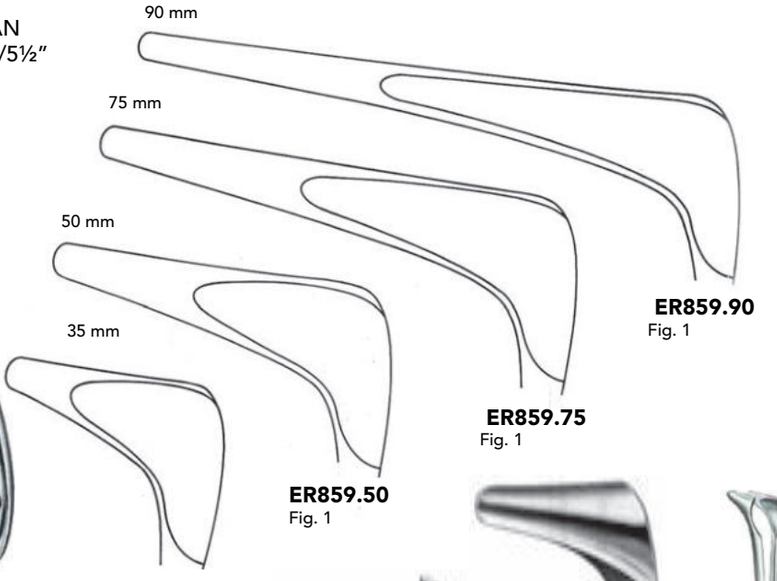


HARTMANN-HALLE
15,5cm





COTTLE
13.5 cm





GOLDSMITH-THUDICHUM

Fig.	Blades	6.5 cm/2½"
1	18.5 x 9.5 mm	**ER817.01**
2	21.0 x 10.5 mm	**ER817.02**
3	21.0 x 11.5 mm	**ER817.03**



BECKMANN





TIECK-HALLE

13 cm/5"

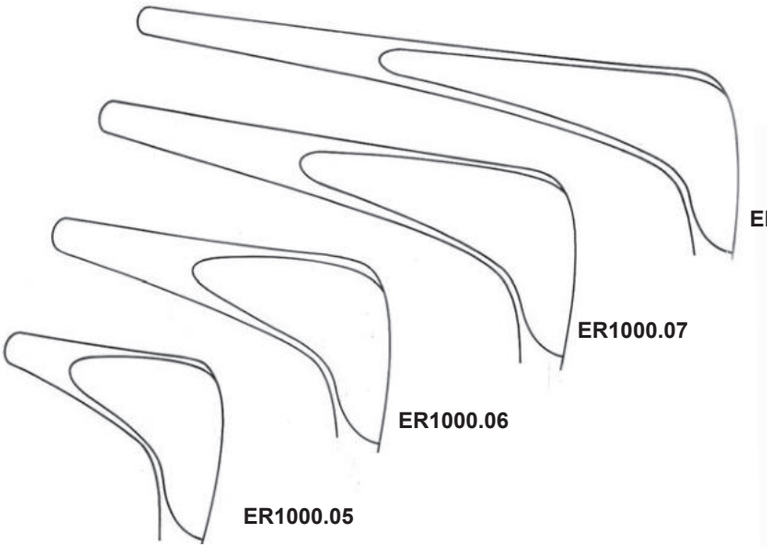




VIENNA
ER858.14
14 cm/5½"

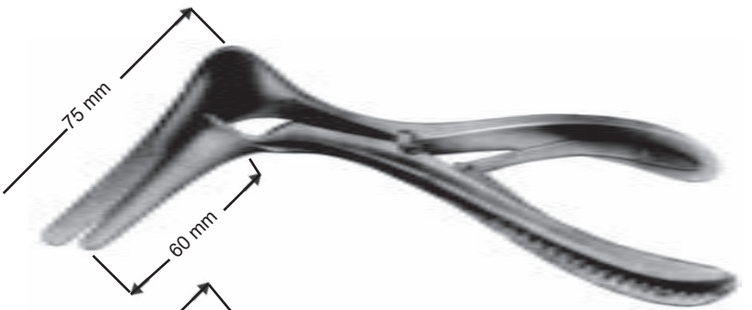


KILLIAN
ER856.02L
13 cm/5″

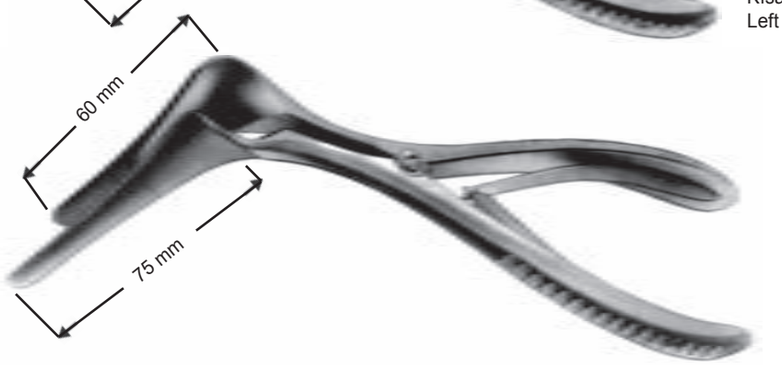




COTTLE
13.5 cm



ER1000.09
Kısa sol bleyd,
Left blade shortened



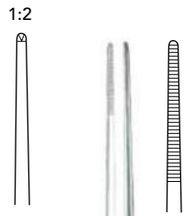
ER1000.10
Kısa sağ bleyd,
Right blade shortened



ER1000.62 ER1000.63 ER1000.64

HARTMANN
ER1000.62 - ER1000.64
16 cm





ER115.16
16CM



GRUENWALD (JANSEN)
ER115.20
20 cm/8″



TROELTSCH
ER105.18
15.5 cm/6″



TROELTSCH
ER101.15
14.5 cm/5¾″



WESTMACOTT
ER121.20
20 cm/8″

LUBET-BARBON
ER129.20
18.5 cm/7¼″

Nasal Polypus Forceps



ER145.20L
21.5 cm



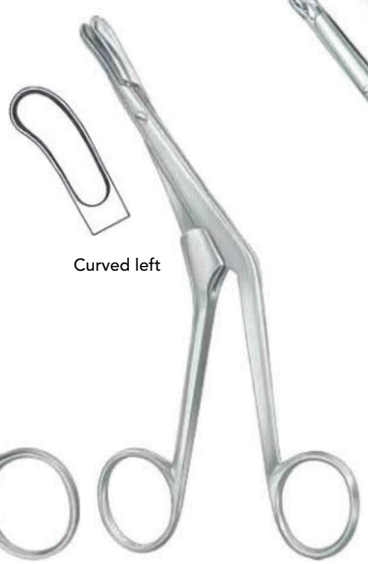
HARTMANN
ER145.20
18.5 cm/7¼″



KNIGHT
ER207.18
17 cm/6¾″



GRAIG
ER213.18
16 cm/6¼″



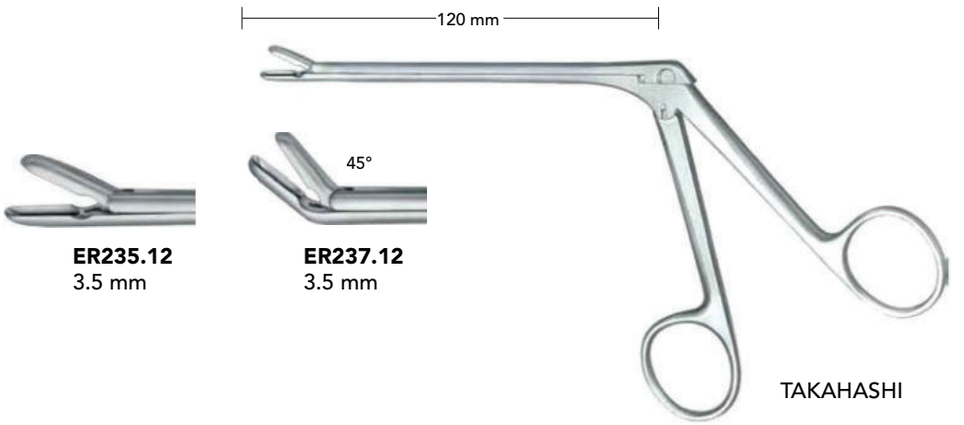
KNIGHT
15.5 cm/6″
ER215.01 left curved
ER215.02 right curved



BRUENINGS
19 cm
Fig. 1 **ER227.01**
Fig. 2 **ER227.02**
Fig. 3 **ER227.03**
Fig. 4 **ER227.04**



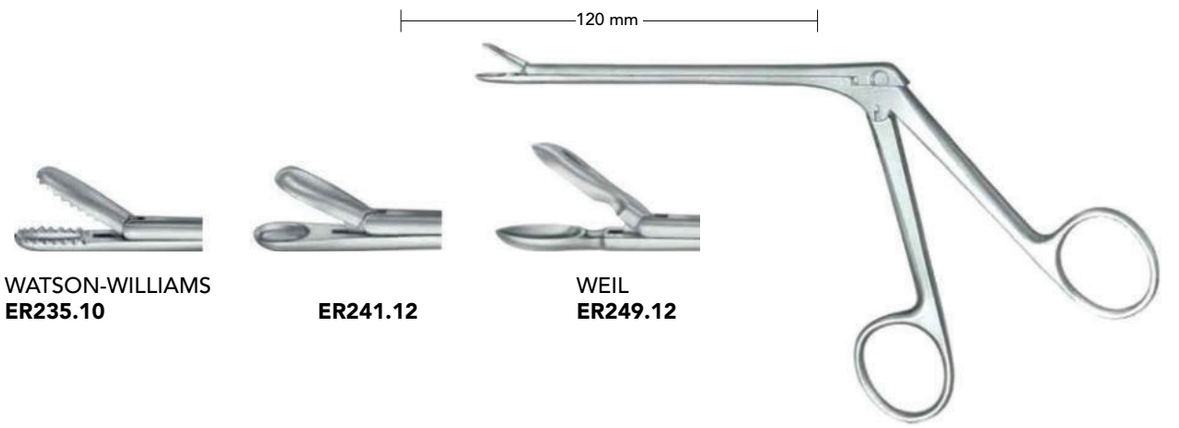
LUC
ER1000.01-ER1000.02
20 cm



ER235.12
3.5 mm

ER237.12
3.5 mm

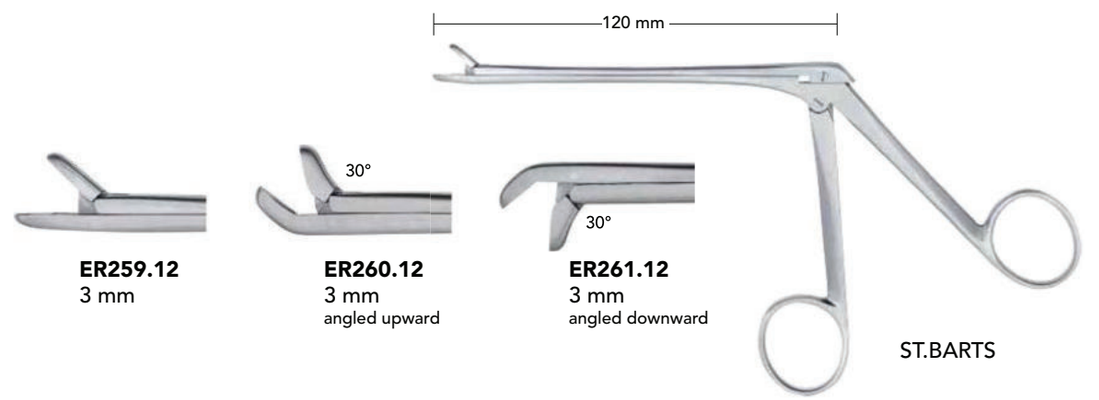
TAKAHASHI



WATSON-WILLIAMS
ER235.10

ER241.12

WEIL
ER249.12

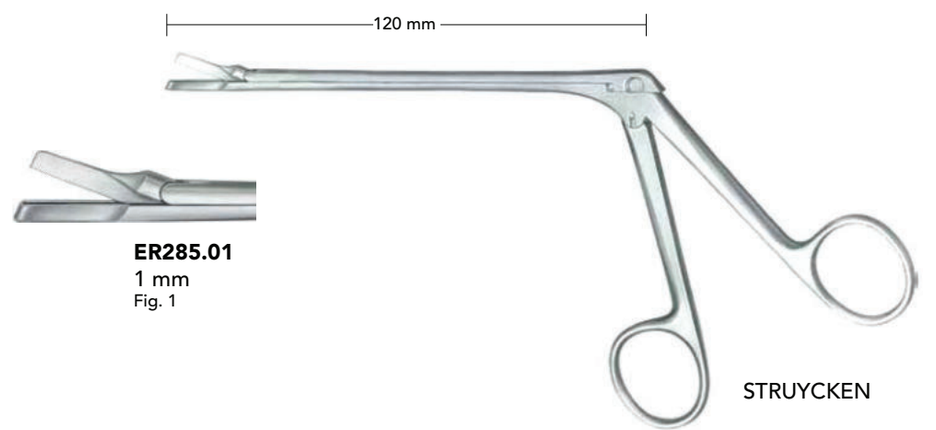


ER259.12
3 mm

ER260.12
3 mm
angled upward

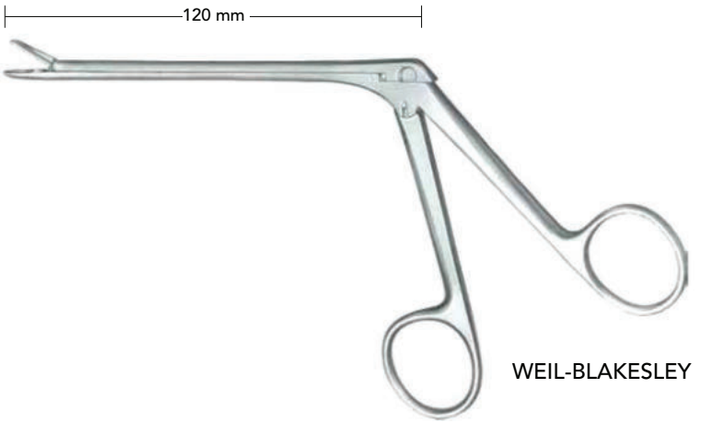
ER261.12
3 mm
angled downward

ST.BARTS



ER285.01
1 mm
Fig. 1

STRUYCKEN



WEIL-BLAKESLEY

straight



ER255.01	**ER255.02**	**ER255.03B**	**ER255.03**	**ER255.04**
3 mm	3.5 mm	4.0 mm	4.5 mm	5.5 mm
Fig. 1	Fig. 2	Fig. EXTRA	Fig. 3	Fig. 4

angled upward

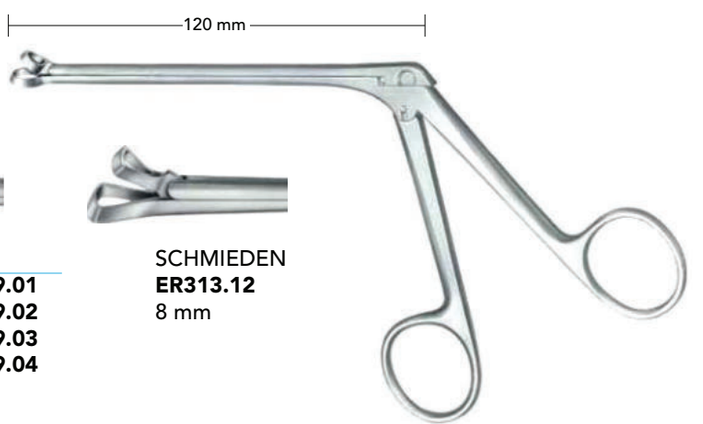


ER256.01	**ER256.02**	**ER256.03**	**ER256.04**
3 mm	3.5 mm	4.5 mm	5 mm
Fig. 1	Fig. 2	Fig. 3	Fig. 4

angled upward



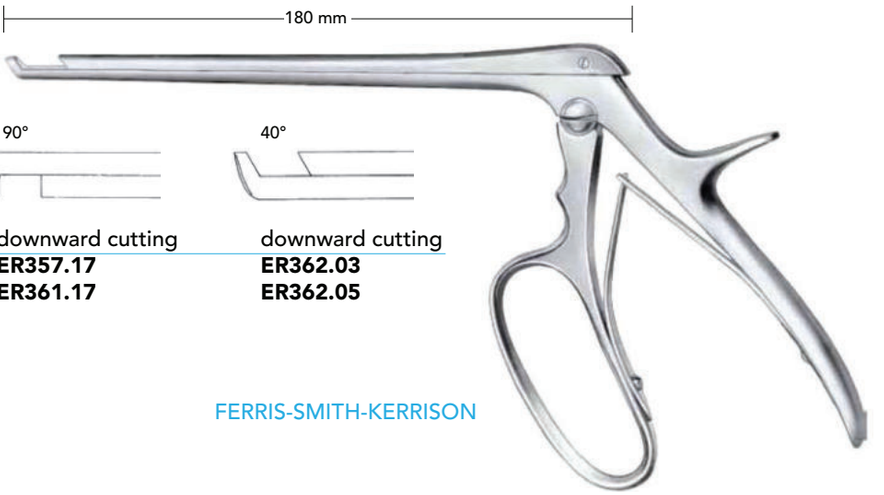
ER258.01	**ER258.02**	**ER258.03**	**ER258.04**
3 mm	3.5 mm	4.5 mm	5 mm
Fig. 1	Fig. 2	Fig. 3	Fig. 4



HARTMANN

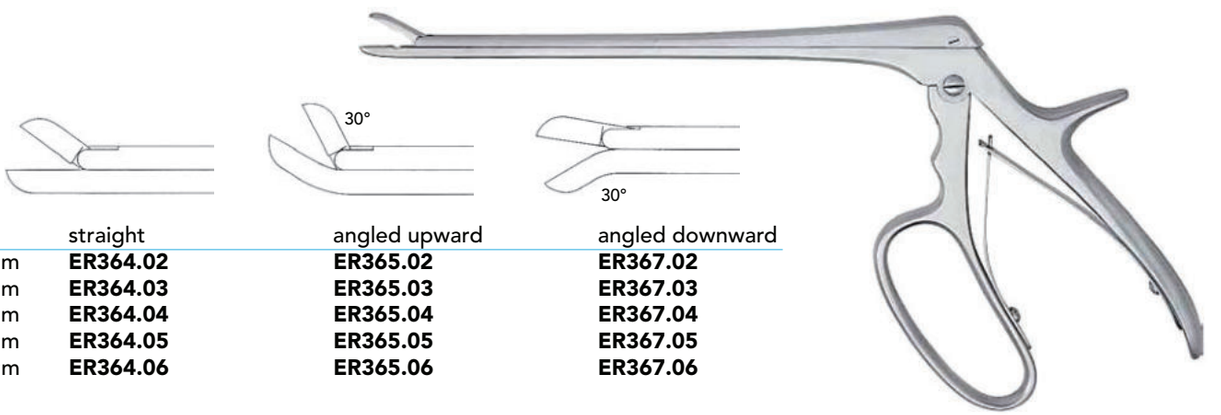
Ø 5 mm	Fig. 1	**ER309.01**
Ø 7 mm	Fig. 2	**ER309.02**
Ø 9 mm	Fig. 3	**ER309.03**
Ø 11 mm	Fig. 4	**ER309.04**

SCHMIEDEN
ER313.12
8 mm



	upward cutting	downward cutting	downward cutting
3 mm	**ER356.17**	**ER357.17**	**ER362.03**
5 mm	**ER360.17**	**ER361.17**	**ER362.05**

FERRIS-SMITH-KERRISON

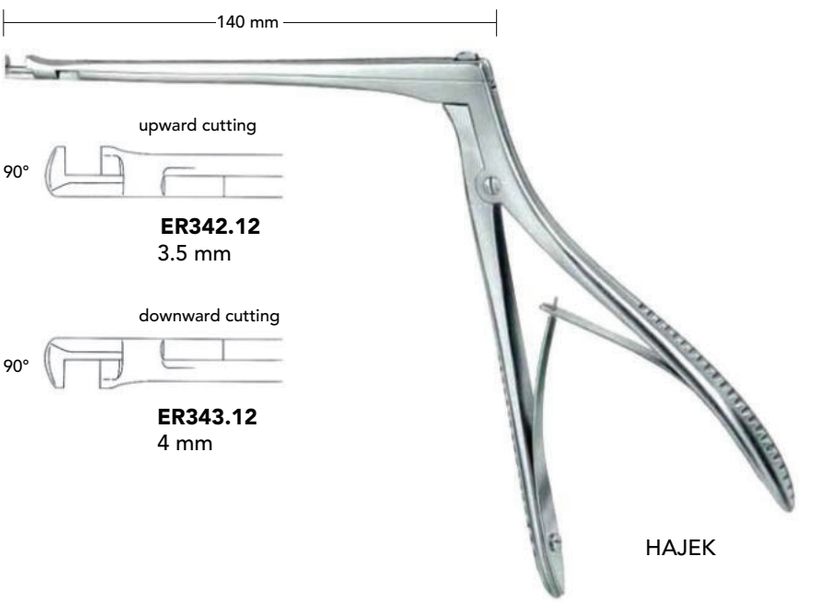


	straight	angled upward	angled downward
10 x 2 mm	**ER364.02**	**ER365.02**	**ER367.02**
10 x 3 mm	**ER364.03**	**ER365.03**	**ER367.03**
10 x 4 mm	**ER364.04**	**ER365.04**	**ER367.04**
10 x 5 mm	**ER364.05**	**ER365.05**	**ER367.05**
10 x 6 mm	**ER364.06**	**ER365.06**	**ER367.06**



KERRISON

3 x 3 mm	**ER389.00**
4 x 4 mm	**ER389.01**
5 x 5 mm	**ER389.02**
6 x 6 mm	**ER389.03**



ER342.12
3.5 mm

ER343.12
4 mm

HAJEK

through-cutting



MIDDLETON-JANSEN
ER323.19
20.5 cm/8¼"



MIDDLETON-JANSEN
ER327.19
20 cm/8"

one toothed cutting edge



CAPLAN
ER331.20
20 cm/8"

TC Jaws



ER334.21
20 cm/8"



RUBIN
ER335.20
20 cm/8"



RUBIN
ER335.21
18.5 cm/7¼"

TC Jaws



RUBIN
ER337.21
18.5 cm/7¼"

Protection Cap



ER335.01

Mucosa Knife



JOSEPH
15 cm/6″
Fig. 1 **ER440.01**
Fig. 2 **ER440.02**



FOMON
ER444.16
16.5 cm/6½″



CONVERSE
ER459.16
16 cm/6¼″



JOSEPH
ER466.15
15.5 cm/6″



COTTLE
ER468.15
14 cm/5½″



FREER
ER484.15
16.5 cm/6½″



FREER
ER497.19
19 cm/7½″



FREER
ER499.19
18.5 cm/7¼″



BALLENGER
21 cm/8¼″
3 mm **ER504.03**
4 mm **ER504.04**
5 mm **ER504.05**



BALLENGER
21 cm/8¼″
3 mm **ER505.03**
4 mm **ER505.04**
5 mm **ER505.05**

Septum Elevators



MCKENTY
15 cm/6″
4 mm **ER521.04**
5 mm **ER521.05**

Septum Elevators

3.3 mm



HALLE
ER525.16
18 cm

4 mm

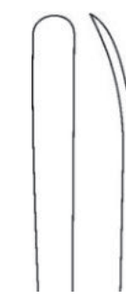


JOSEPH
ER531.16
16.5 cm/6½″

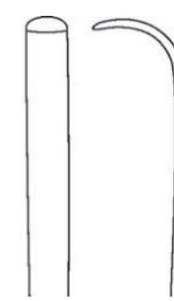
Cleft Palate Periosteal Rasapatory



KRENKEL



ER544.01
24.5 cm/9½″



ER544.02
24.5 cm/9½″



PIERCE
ER1000.79
21 cm/8¼"



FREER
19 cm/7½"
sharp **ER541.19**
blunt **ER543.19**



FREER
ER545.18
18 cm/7"



FREER
ER547.18
18 cm/7"



FREER
ER547.20
21 cm/8¼"



MCKENTY
ER549.22
20.5 cm/8"



BALLENGER-HAJEK
ER550.19
19 cm/7½"



HOWARD
ER557.22
21.5 cm/8½"



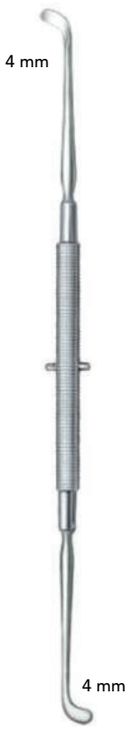
COTTLE
ER559.23
23.5 cm/9¼"



KILLIAN
ER560.18
18 cm/7"



KILLIAN
ER562.22
23.5 cm/9¼"



PENNINGTON
ER568.21
21 cm/8"



MASING
ER1000.36
20 cm



JOSEPH-MASING
ER579.22
21.5 cm/8½"



COTTLE
ER581.22
23 cm/9"



COTTLE
ER585.22
23 cm/9"



JOSEPH
ER585.16
18 cm/7"



FREER
ER593.16
16.5 cm/6½″



FREER
ER595.15
16 cm/6¼″



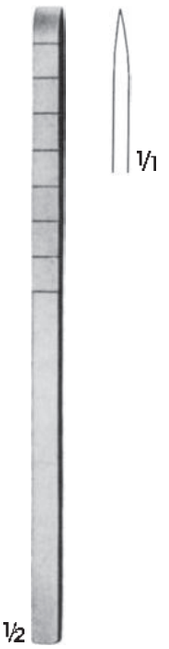
BALLENGER
15 cm/6″
2 mm **ER597.02**
4 mm **ER597.04**
6 mm **ER597.06**
8 mm **ER597.08**



KILLIAN
ER601.16
16 cm/6¼″



KILLIAN-CLAUS
ER605.16
16 cm/6¼″



COTTLE
18.5 cm/7¼″
2 mm **ER606.13S**
4 mm **ER606.13**
6 mm **ER606.14**
8 mm **ER606.15**
10 mm **ER606.16**
12 mm **ER606.17**



COTTLE
18.5 cm/7¼″
4 mm **ER606.04**
7 mm **ER606.07**
9 mm **ER606.09**
12 mm **ER606.12**



COTTLE
18.5 cm/7¼″
2 mm **ER608.02**
4 mm **ER608.04**
7 mm **ER608.07**
9 mm **ER608.09**
12 mm **ER608.12**



COTTLE
ER607.06
18.5 cm/7¼″



COTTLE
ER609.06
18.5 cm/7¼″



COTTLE
ER610.16
18.5 cm/7¼″



COTTLE
ER612.16
18.5 cm/7¼″



RUBIN
18.5 cm/7¼″
10 mm **ER616.10**
12 mm **ER616.12**
14 mm **ER616.14**



WALTER
19 cm/7½″
3.0 mm **ER620.03**
4.5 mm **ER620.04**



WALTER
19 cm/7½″
3 mm **ER622.03**
4 mm **ER622.04**
7 mm **ER622.07**
9 mm **ER622.09**
12 mm **ER622.12**



FOMON
16 cm/6¼"
4 mm **ER623.04**
5 mm **ER623.05**
6 mm **ER623.06**
7 mm **ER623.07**



CINELLI
16 cm/6¼"
10 mm **ER624.10**
12 mm **ER624.12**
14 mm **ER624.14**
16 mm **ER624.16**



NEIVERT-ANDERSON
20.5 cm/8"



ER625.01
7 mm

ER625.02
7 mm



ER625.03
7 mm
Straight



LUCAS
EO1000.02 3 mm
EO1000.03 5 mm
Gujlar/Gouges
16 cm



SILVER
ER628.01
18 cm/7"



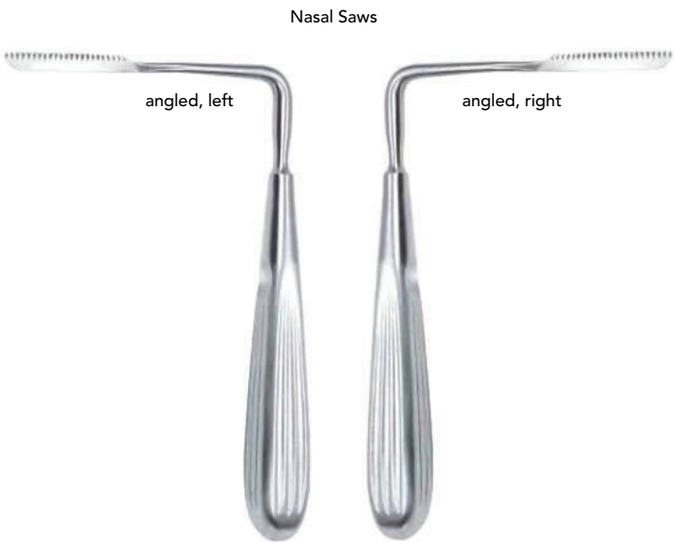
SILVER
ER628.02
18 cm/7"



SILVER
ER628.03
18 cm/7"



PARKES
ER629.01
16 cm/6¼"



JOSEPH
ER632.20
17 cm/6¾"

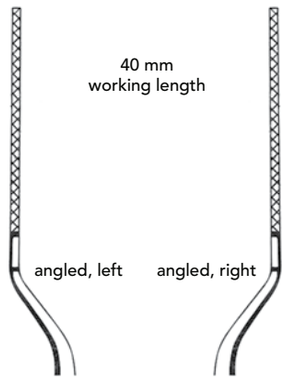
JOSEPH
ER634.20
17 cm/6¾"



JOSEPH
19 cm/7½"



ER649.00



ER649.01

ER649.02

34 x 7 mm



MALTZ
17 cm/6¾″
drawing cut **ER656.01**
pushing cut **ER656.02**

60 x 8 mm



JOSEPH
ER658.01
16 cm/6¼″



GALLAHER
17 cm/6¾″



ER669.01
45 x 6 mm



ER669.02
45 x 6 mm



ER669.03
45 x 6 mm

Cartilage Crusher



COTTLE
ER652.00
12 cm/4¾″

34 x 8 mm



COTTLE
ER670.21
21 cm/8¼″

32 x 9 mm



AUFRICHT
21 cm/8¼″
drawing cut **ER671.21**
pushing cut **ER673.21**

15 x 8 mm



LEWIS
19 cm/7½″
drawing cut **ER674.18**
pushing cut **ER676.18**



FOMON
ER680.21
20.5 cm/8″



FOMON
ER1000.03
21.5 cm



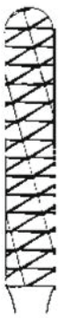
FOMON
ER1000.04
21.5 cm



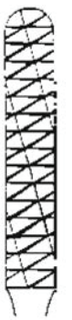
MALTZ
21 cm/8¼"



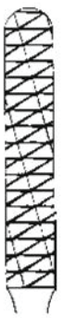
ER680.01
Fig. 1



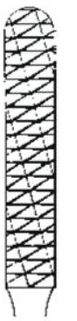
ER680.02
Fig. 2



ER680.03
Fig. 3



ER680.04
Fig. 4



ER680.05
Fig. 5

TC Jaws



ER680.06
Fig. 6



ER680.07
Fig. 7



ER680.08
Fig. 8



ER680.09
Fig. 9



ER680.10
Fig. 10

TC Jaws

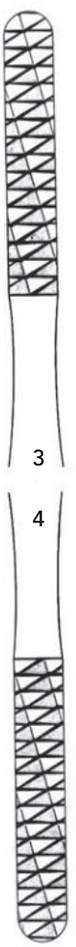
TC Jaws



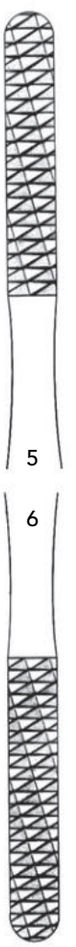
FOMON
20.5 cm/8"



ER682.01
40 x 7 mm



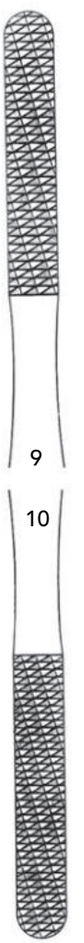
ER682.03
40 x 7 mm



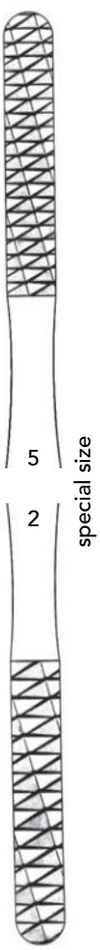
ER682.05
40 x 7 mm



ER682.07
40 x 7 mm



ER682.09
40 x 7 mm



ER682.52
40 x 7 mm

special size

Mucosa Hooklet, sharp



JOSEPH
ER684.15
15.5 cm/6″

sharp

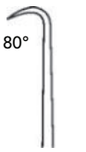


COTTLE
17 cm/6¾″



ER686.16

180°



ER686.17

sharp



COTTLE
17 cm/6¾″



ER688.01
Fig. 1

ER688.02
Fig. 2



ER688.03
Fig. 3

Alar Hooklet, button end



LANGE
ER692.22
23 cm/9″

Alar Hooklet,
button end



FOMON
ER694.17
17 cm/6¾″



AUFRICHT
ER1000.35
16 cm

45 x 11 mm



AUFRICHT
ER697.19
19 cm/7½″

sharp



KILNER
ER698.10
8 cm/3¼″

44 x 11 mm



CONVERSE
ER699.11
10.5 cm/4¼″



CONVERSE
ER700.12
11.5 cm/4½″



FREER
ER702.15
15 cm/6″



JOSEPH
16 cm/6¼″

2 mm	**ER704.02**
5 mm	**ER704.05**
7 mm	**ER704.07**
10 mm	**ER704.10**

button end



FOMON
ER706.16
16 cm/6¼″



COTTLE-NEIVERT
ER707.20
19.5 cm/7¾″



COTTLE
19.5 cm/7¾″



ER708.14
sharp



ER709.01
blunt/sharp



ER709.02
sharp/blunt



COTTLE
ER710.14
14 cm/5½″



NEIVERT
ER712.16
17 cm/6¾″

Saddle Hook



COTTLE
ER713.15
14 cm/5½″



COTTLE
ER714.15
16 cm/6¼″

60 x 6.5 mm



AUFRICHT
ER715.14
12 cm/4¾″



BARTH
ER1000.61
18 cm

4 mm



OGURA
ER728.11
11 cm/4¼″

1.7 mm



COTTLE
ER731.14
14 cm/5½″

12 mm



COTTLE
ER732.10
11 cm/4¼″



FAULKNER
ER.742.21
21 cm/8¼″



COAKLEY
17 cm/6¾″



ER748.01
Fig. 1



ER748.02
Fig. 2



ER748.03
Fig. 3



ER748.04
Fig. 4



ER748.05
Fig. 5



ER748.06
Fig. 6



EICKEN-KILLIAN
14 cm/5½″

ER814.30
Ø 3 mm

ER816.30
Ø 3 mm



GUILEN
ER840.20
19 cm/7½″

ER740.90
Obturator

for **ER.840.20**

ER842.30
Ø 3 mm

ER842.40
Ø 4 mm

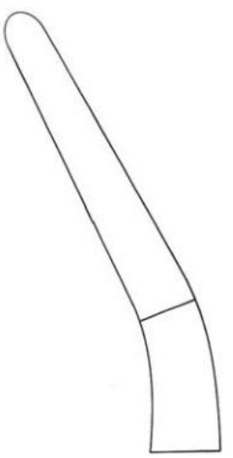


RITTER-HALLE
19 cm/7½″

Straight | Left | Right



ER724.01 **ER724.02** **ER724.03**





HOUSE
ER1000.80
15,5 cm/6 ″ - 13 x 13 mm



KRESSNER
ER721.20
22 cm/8¾″



COTTLE-WALSHAM
23 cm/9″



ASCH
ER725.23
22.5 cm/9″



Elevator for Endonasal Reposition 21.5 cm

Right Usage No:1 ER900.01
Right Usage No:2 ER900.02
Right Usage No:3 ER900.03



Elevator for Endonasal Reposition 21.5 cm

Left Usage No:1 ER900.04
Left Usage No:2 ER900.05
Left Usage No:3 ER900.06

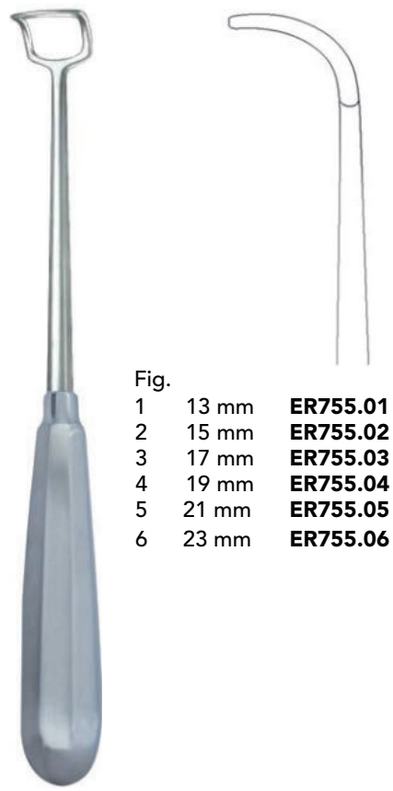


Fig.		
1	13 mm	**ER755.01**
2	15 mm	**ER755.02**
3	17 mm	**ER755.03**
4	19 mm	**ER755.04**
5	21 mm	**ER755.05**
6	23 mm	**ER755.06**

BECKMANN
22 cm/8¾"



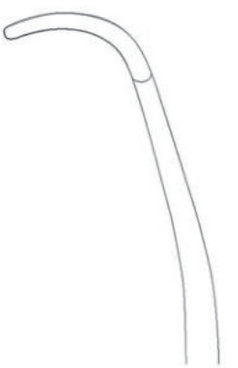


Fig.		
1	13 mm	**ER756.01**
2	15 mm	**ER756.02**
3	17 mm	**ER756.03**
4	19 mm	**ER756.04**
5	21 mm	**ER756.05**
6	23 mm	**ER756.06**

BECKMANN
21.5 cm/8½"

inside ed

ET

LARYNX & TONSILS



serrated



FISHER
ET220.22
22.5 cm/9″



BRUENINGS
ET228.23
23 cm/9″

Tonsil knife

4.5 mm



9 mm

CARPENTER
ET269.25
25 cm/10″

Tonsil Dissector

11 mm



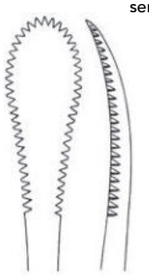
14 mm

HURD
ET281.22
22.5 cm/9″



HENKE
24.5 cm/9¾″

serrated

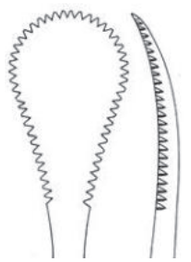


11.5 mm

ET289.23

5 mm





16.5 mm

ET291.23

5 mm



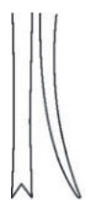
Gauze Packers



3 mm

ET311.19

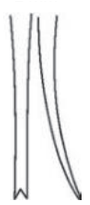
3 mm



2 mm

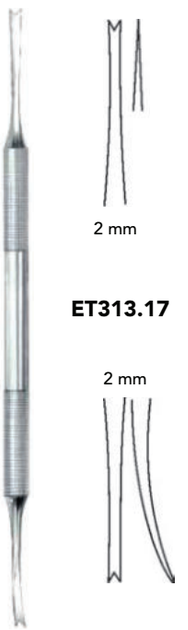
ET311.20

2 mm



LUNIATSCHEK
17.5 cm/7″

Gauze Packers



2 mm

ET313.17

2 mm

LUNIATSCHEK
17.5 cm/7″

Grasping Forceps

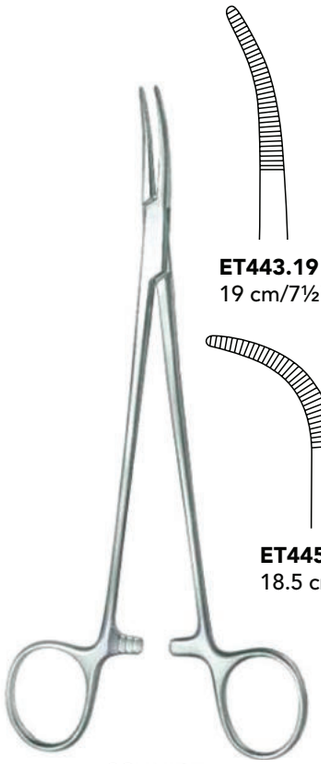


WHITE
ET419.18
18 cm/7″

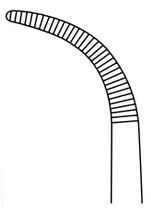
Grasping Forceps



BLOHMKE
ET423.20
20 cm/8″

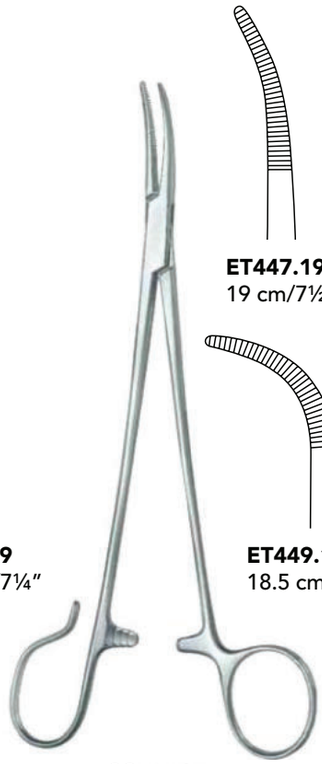


ET443.19
19 cm/7½″

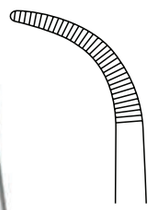


ET445.19
18.5 cm/7¼″

SCHNIDT



ET447.19
19 cm/7½″



ET449.19
18.5 cm/7¼″

SCHNIDT

Ø 6 mm



without ratchet

EVES
ET500.28
28.5 cm/11¼″

Ø 6 mm



without ratchet

EVES
ET502.28
28.5 cm/11¼″

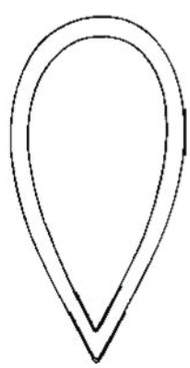
Ø 6 mm



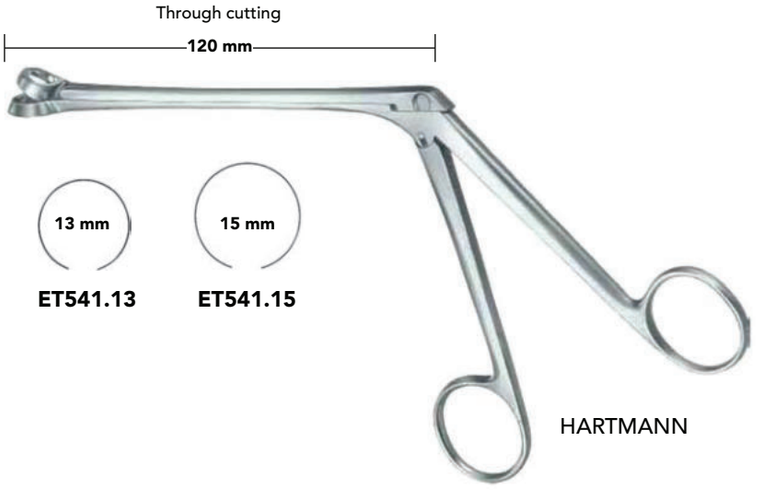
with double ratchet

BRUENINGS
ET506.28
29 cm/11½″

Wire Loop, package of 100 pieces

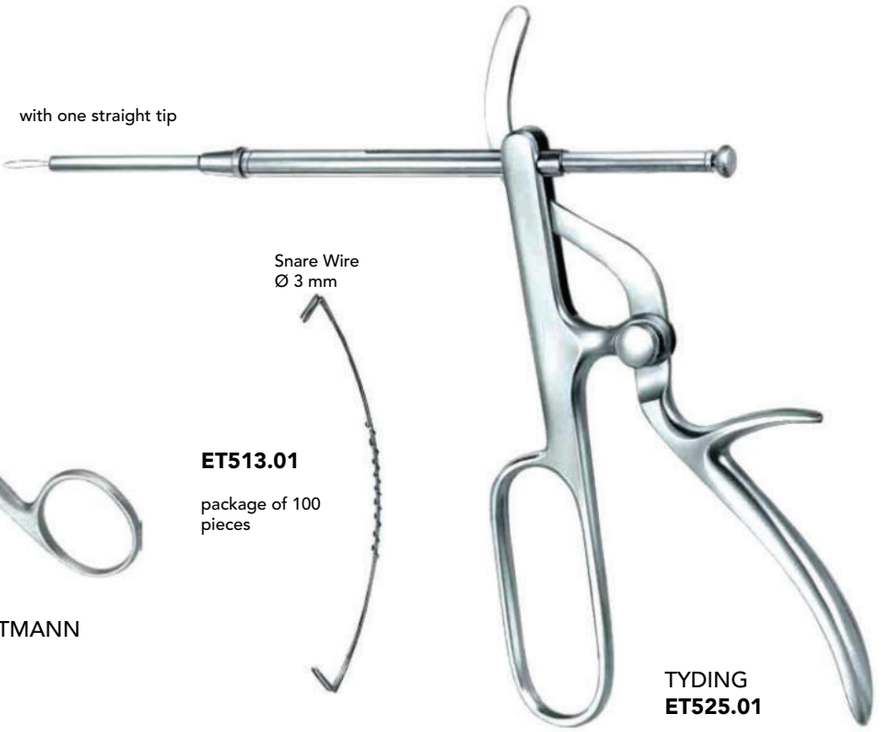


Ø 40 x 0.3 mm **ET511.40**
Ø 50 x 0.3 mm **ET511.50**



ET541.13 **ET541.15**

HARTMANN

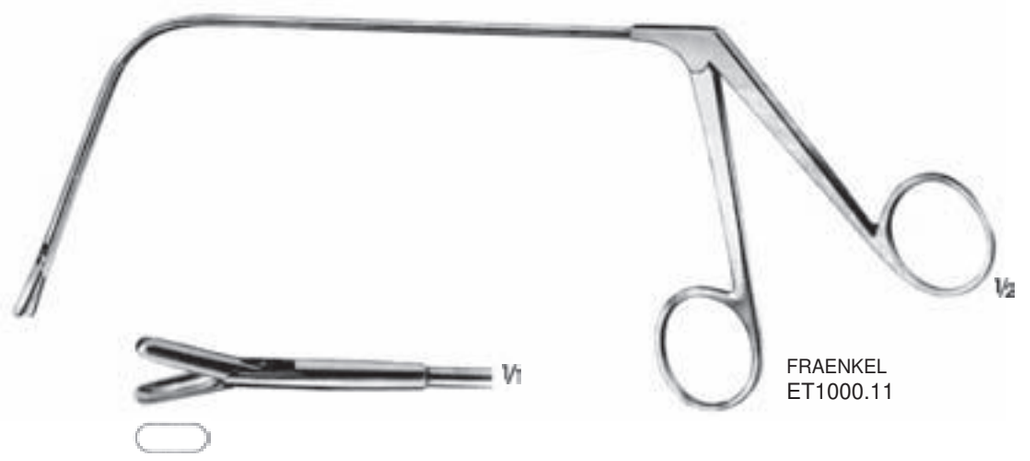


Snare Wire
Ø 3 mm

ET513.01

package of 100 pieces

TYDING
ET525.01

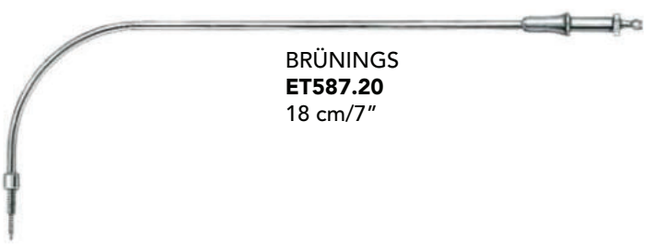


FRAENKEL
ET1000.11



BRÜNINGS

22 cm/8¾"	**ET584.20**
32 cm/12¾"	**ET584.30**
41 cm/16¼"	**ET584.40**



BRÜNINGS
ET587.20
18 cm/7"



HUBER
ET581.01



FRAENKEL
ET600.01



SEIFFERT
ET604.01



FRAENKEL
ET608.01



SCHEINMANN
ET611.01



SCHEINMANN
ET613.01



BRUENINGS
Fig. 2 **ET616.02**
Fig. 3 **ET616.03**



BRUENINGS
Fig. 2 **ET618.02**
Fig. 3 **ET618.03**



LANGE
ET624.01



KRAUSE
Fig. 1 **ET628.01**
Fig. 2 **ET628.02**



KRAUSE
ET632.01



CORDES
Fig. 1 **ET637.01**
Fig. 2 **ET637.02**
Fig. 3 **ET637.03**
Fig. 4 **ET637.04**



SCHUMACHER
ET639.01



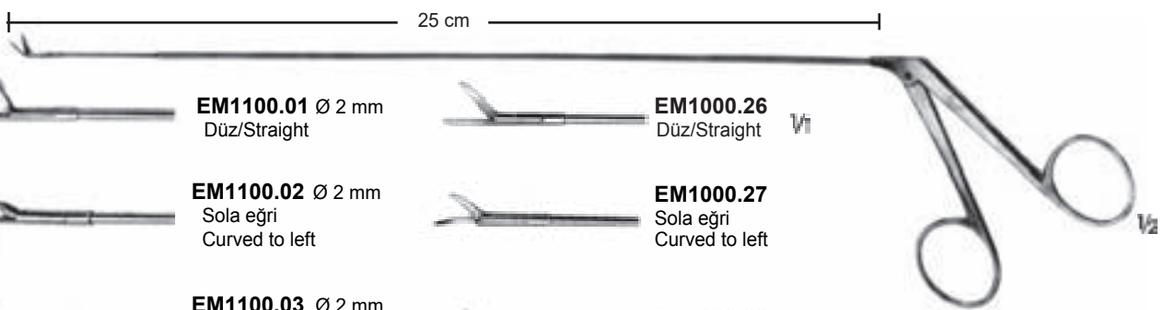
CORDES
Fig. 1 **ET643.01**
Fig. 2 **ET643.02**



CORDES
ET647.01



ROSENBERG
ET657.01





EM1100.05
Düz/Straight



EM1100.06
Sola eğri
Curved to left



EM1100.07
Sağa eğri
Curved to right



ET1000.23
22.5 cm



ET1000.21
Keskin/Sharp
20.5 cm



ET1000.22
90° Açılı
90° Angled



WEERDA
ET1000.23B
25 cm



ET1000.20
2 x 3 mm 20.5 cm



MICHEL
27 cm/7½"

Fig.		
1	Ø 12 mm	**ET789.12**
2	Ø 14 mm	**ET789.14**
3	Ø 16 mm	**ET789.16**
4	Ø 18 mm	**ET789.18**



ET794.11
11 cm/4¼"



ET798.12
12.5 cm/5"

plane, with fixed handle



18.5 cm/7¼"



Fig. 00	Ø 8 mm	**ET781.08**
Fig. 0	Ø 10 mm	**ET781.10**
Fig. 1	Ø 12 mm	**ET781.12**
Fig. 2	Ø 14 mm	**ET781.14**
Fig. 3	Ø 16 mm	**ET781.16**
Fig. 4	Ø 18 mm	**ET781.18**
Fig. 5	Ø 20 mm	**ET781.20**
Fig. 6	Ø 22 mm	**ET781.22**
Fig. 7	Ø 24 mm	**ET781.24**
Fig. 8	Ø 26 mm	**ET781.26**
Fig. 9	Ø 28 mm	**ET781.28**
Fig. 10	Ø 30 mm	**ET781.30**

RHODIUM

Fig. 00	Ø 8 mm	**ET782.08**
Fig. 0	Ø 10 mm	**ET782.10**
Fig. 1	Ø 12 mm	**ET782.12**
Fig. 2	Ø 14 mm	**ET782.14**
Fig. 3	Ø 16 mm	**ET782.16**
Fig. 4	Ø 18 mm	**ET782.18**
Fig. 5	Ø 20 mm	**ET782.20**
Fig. 6	Ø 22 mm	**ET782.22**
Fig. 7	Ø 24 mm	**ET782.24**
Fig. 8	Ø 26 mm	**ET782.26**
Fig. 9	Ø 28 mm	**ET782.28**
Fig. 10	Ø 30 mm	**ET782.30**

plane, without handle



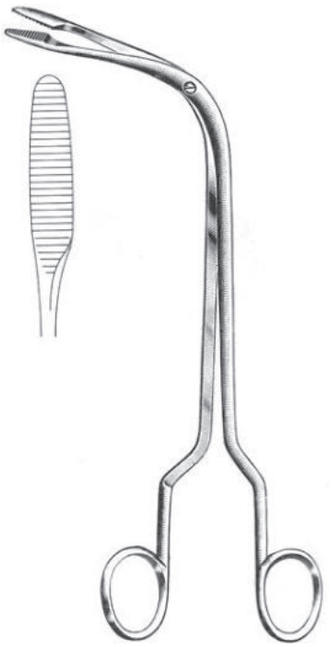
13.5 cm/5¼"



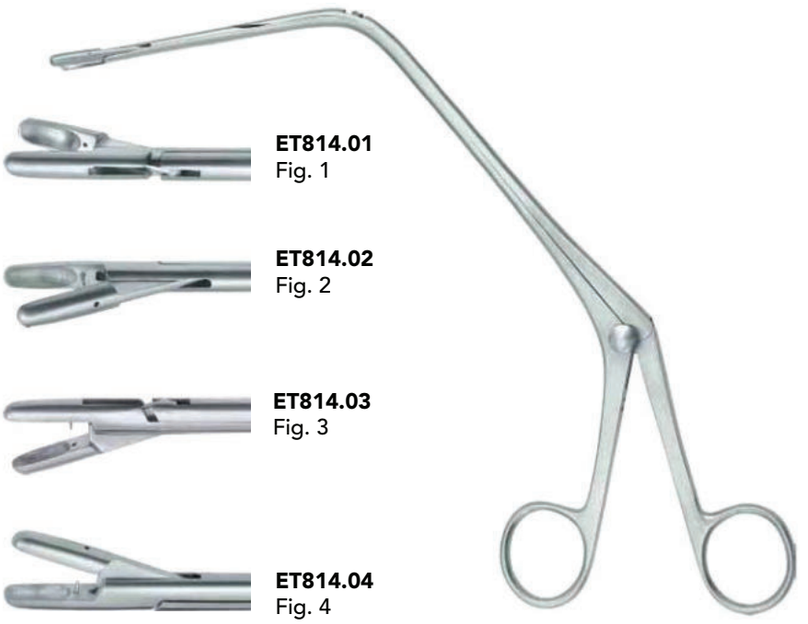
Fig. 00	Ø 8 mm	**ET785.08**
Fig. 0	Ø 10 mm	**ET785.10**
Fig. 1	Ø 12 mm	**ET785.12**
Fig. 2	Ø 14 mm	**ET785.14**
Fig. 3	Ø 16 mm	**ET785.16**
Fig. 4	Ø 18 mm	**ET785.18**
Fig. 5	Ø 20 mm	**ET785.20**
Fig. 6	Ø 22 mm	**ET785.22**
Fig. 7	Ø 24 mm	**ET785.24**
Fig. 8	Ø 26 mm	**ET785.26**
Fig. 9	Ø 28 mm	**ET785.28**
Fig. 10	Ø 30 mm	**ET785.30**

RHODIUM

Fig. 00	Ø 8 mm	**ET786.08**
Fig. 0	Ø 10 mm	**ET786.10**
Fig. 1	Ø 12 mm	**ET786.12**
Fig. 2	Ø 14 mm	**ET786.14**
Fig. 3	Ø 16 mm	**ET786.16**
Fig. 4	Ø 18 mm	**ET786.18**
Fig. 5	Ø 20 mm	**ET786.20**
Fig. 6	Ø 22 mm	**ET786.22**
Fig. 7	Ø 24 mm	**ET786.24**
Fig. 8	Ø 26 mm	**ET786.26**
Fig. 9	Ø 28 mm	**ET786.28**
Fig. 10	Ø 30 mm	**ET786.30**



FRAENKEL
ET805.19
18 cm/7"



ET814.01
Fig. 1

ET814.02
Fig. 2

ET814.03
Fig. 3

ET814.04
Fig. 4

JURASZ
23 cm/9"

Tampon forceps



with spike

ET821.21

without spike

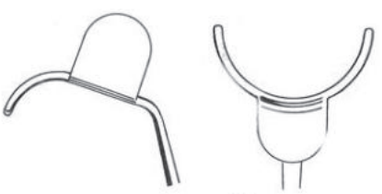
ET821.22

JACKSON
22 cm/8¾"

Epiglottis Retractor



REICHERT
ET831.24
24 cm/9½"



Tonsillectomy
Rertractor

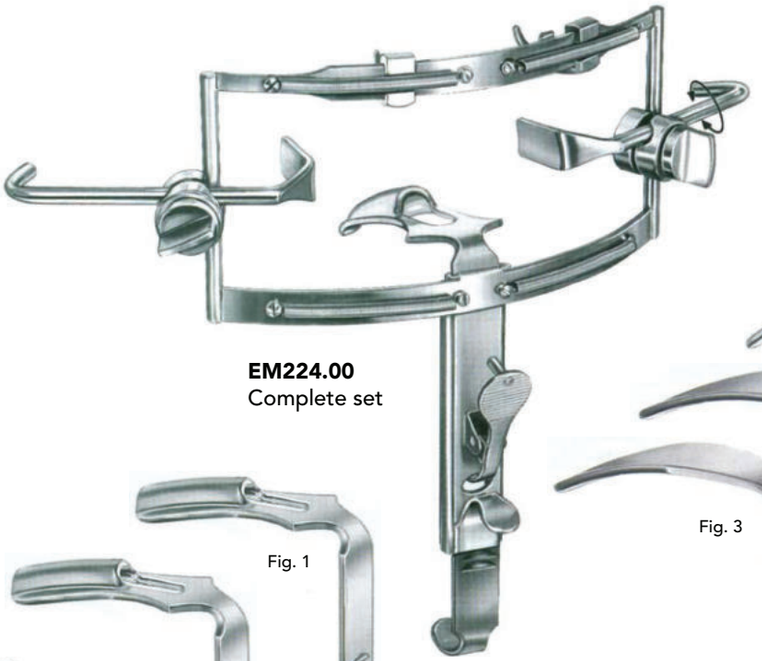


HOFER
ET329.24
24 cm/9½"



Soft Plate
Rertractor

NAGER
ET331.23
24 cm/9"

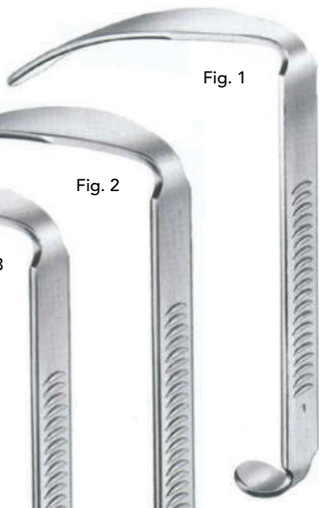


EM224.00
Complete set

EM1000.06
Mouth gag only



McIVOR
EM222.00
Complete set



EM222.01

EM222.02



EM222.03



DINGMANN

EM224.01

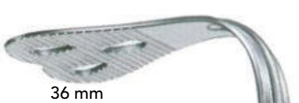


EM224.02



EM224.03

Tongue depressors





EM297.38
14.5 cm/5½"





WIEDER

EM297.45
15 cm/6"



JENNINGS

9.0 cm/3½"	**EM237.09**
11 cm/4½"	**EM237.11**
13.0 cm/5"	**EM237.13**
15.0 cm/6"	**EM237.15**



WHITEHEAD

9.0 cm/3½"	**EM1000.36**
11 cm/4½"	**EM1000.37**
13.0 cm/5"	**EM1000.38**
15.0 cm/6"	**EM1000.39**



KILNER-DOUGHTY
EM1000.05



DAVIS-BOYLE
EM1000.09 Çocuklar için/For children
EM1000.10 Gençler için/For adolescents



DAVIS-BOYLE
EM1000.35
Büyükler için/For adults



DOYEN-COLLIN
EM1000.01
12 cm

DOYEN-JANSEN
EM1000.02
14 cm



EM1000.43
62 X 25 mm

EM1000.44
75 X 25 mm

EM1000.45
92 X 25 mm

EM1000.46
108 X 25 mm



EM1000.42
25 X 19 mm
DAVIS-BOYLE



TOBOLD
EM1000.04
16 cm



HARTMANN
EM1000.07
15 cm

www.insidemedikal.com



DENHARDT
EM1000.48
Değiştirilebilir silikon parçalı
Silicon inserts interchangeable
12.5 cm



FERGUSSON-ACKLAND
EM1000.49
14.5 cm



ROSER-KÖNIG
EM1000.50
16 cm



ROSER-KÖNIG
EM1000.51
18.5 cm



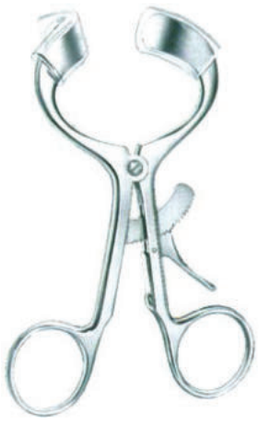
DAVIS-MEYER
EM1000.47



RUSSEL-DAVIS



RUSSEL-DAVIS
EM1000.30 - EM1000.31



MOLT
EM161.11
11 cm/5½"



MOLT
EM161.14
14 cm/5½"



SCHMID
EM1000.40



HEISTER
EM1000.41
13 cm

Tongue spatulas



DOYEN
EM375.13A 23 x 30 mm
13.5 cm/5¼"
EM375.13 30 x 33 mm
16 cm/6¼"

Cheek retractor

Swivel

35 mm

19 x 15 mm







BRUENINGS
EM385.19
19 cm/7½"

EM350.16
16 cm/6¼"

EM384.19
19 cm/7½"

24 x 27 mm



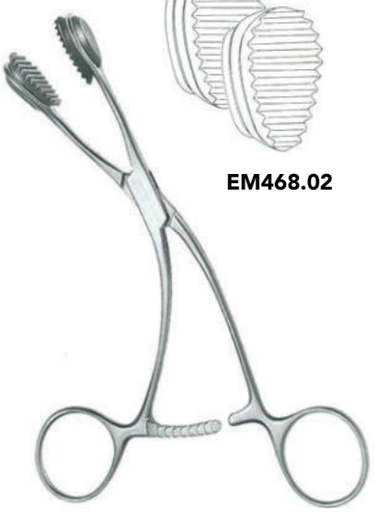
COLLIN
EM452.17
17 cm/6¾"

Tongue holding forceps

Pair Rubber Inserts



EM468.02



YOUNG
EM467.17
15 cm/6"



LABORDE
EY113.14
14 cm/5½"



TROUSSEAU
EY115.14
14.5 cm/5¾"



ITERSON

	Sharp	Blunt
17 cm/6¾"	**EY125.16**	**EY127.16**



ROSE
EY143.13
15.5 cm/6¼"



LUER
EY145.11
11 cm/4½"



LAHEY

15.5 cm/6¼"	**EY449.15**
20.0 cm/8"	**EY449.20**



LUKENS
EY151.17
11 cm/4¼"



JACKSON
EY155.17
18 cm/7¼"



KOCHER
EY411.15
15.5 cm/6¼"

with eye



KOCHER
EY413.15
15.5 cm/6¼"

inside med

NEURO & ORTHO INSTRUMENTS

Instruments - for Bone & Neuro Surgery



OP  Dressings

OB  Bone Surgery

OC  Bone Surgery

NU  Neuro Surgery

Bandage Scissors



LORENZ
OP155.23
24 cm/9½"



BRUNS
24 cm/9½"

One tooth Edge	**OP223.24**
Smooth	**OP223.26**

TC Edge



BRUNS
OP297.24
23.5 cm/9½"



BERGMANN
OP195.23
23 cm/9"



ESMARCH
OP205.20
20 cm/8"



OP160.14
14.5 cm/5¾"

Bandage Scissors



LISTER

11,0 cm/4½"	**GS1000.16**
14.5 cm/5¾"	**OP165.14**
18.5 cm/7¼"	**OP165.18**
20.0 cm/8"	**OP165.20**

Bandage Scissors

TC Edge



LISTER
OP291.18
18 cm/7"

Bandage Scissors



UNIVERSAL

15.5 cm/6″	**OP209.15**
19.0 cm/7½″	**OP209.18**

Plaster Shears



STILLE-MARTIN

23 cm/9″	**OP275.23**
27 cm/10¾″	**OP275.26**
38 cm/15″	**OP275.37**

Plaster Spreaders



HENNIG
OP520.28
28 cm/11″



QUATTRO
OP522.23
23 cm/9″

Plaster Breakers



WOLFF

17.5 cm/7″	**OP541.18**
26.5 cm/10½″	**OP545.24**



HOPKINS
OP401.20
20 cm/8″

Plaster Knives



ESMARCH
OP420.18
18 cm/7½″



REINER
OP425.18
18 cm/7½″



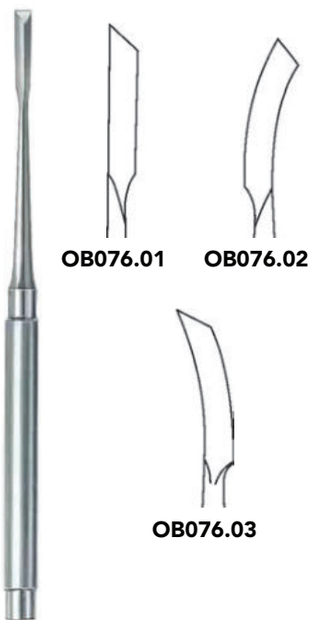


OB960.13 4 mm
OB960.14 6 mm
Çizıllar/Chisels
16 cm
LUCAS



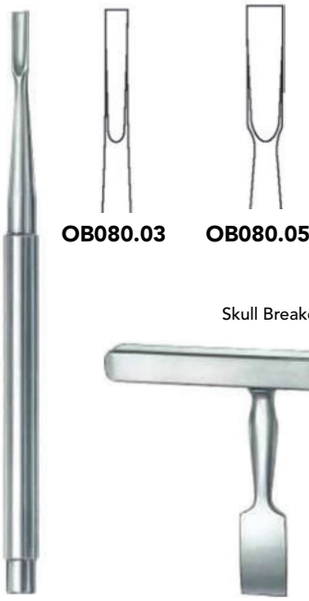
17 cm/6¾"

triangular shape
4 mm



GARDNER
17 cm/6¾"

3 mm
5 mm

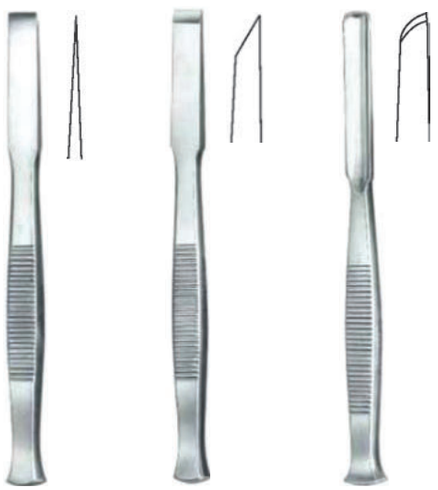


SNYDER
16.5 cm/6½"

Skull Breaker



VIRCHOW
OB036.00
7.5 cm/3"



13.5 cm/5¼"

4 mm	**OB100.04**		
6 mm	**OB100.06**		
8 mm	**OB100.08**	**OB101.08**	**OB102.08**
10 mm	**OB100.10**	**OB101.10**	**OB102.10**
12 mm	**OB100.12**	**OB101.12**	**OB102.12**
14 mm	**OB100.14**	**OB101.14**	**OB102.14**
16 mm	**OB100.16**	**OB101.16**	**OB102.16**



PARTSCH



PARTSCH

	13.5 cm/5¼"	17 cm/6¾"	13.5 cm/5¼"	16.5 cm/6½"
2 mm	**OB105.02**	**OB106.02**	**OB109.02**	**OB110.02**
3 mm	**OB105.03**	**OB106.03**	**OB109.03**	**OB110.03**
4 mm	**OB105.04**	**OB106.04**	**OB109.04**	**OB110.04**
5 mm	**OB105.05**	**OB106.05**	**OB109.05**	**OB110.05**
6 mm	**OB105.06**	**OB106.06**	**OB109.06**	**OB110.06**

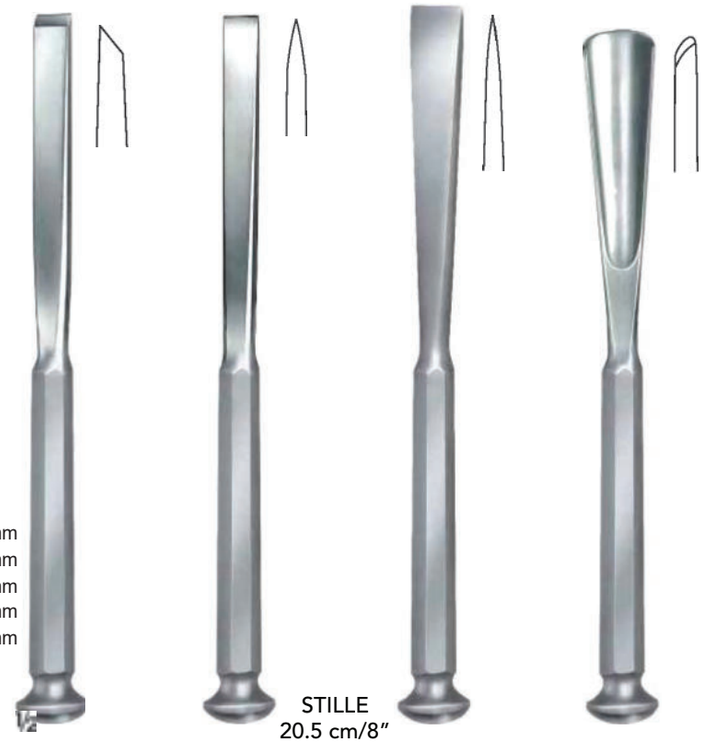


ALEXANDER
17.5 cm/7"

4 mm	**OB118.04**	**OB119.04**
6 mm	**OB118.06**	**OB119.06**
8 mm	**OB118.08**	**OB119.08**
10 mm	**OB118.10**	**OB119.10**
12 mm	**OB118.12**	**OB119.12**
14 mm	**OB118.14**	**OB119.14**



STILLE
OB960.48 10 mm
OB960.49 12 mm
OB960.50 15 mm
OB960.51 20 mm
OB960.52 25 mm
20.5 cm



STILLE
20.5 cm/8"

8 mm		**OB124.08**		
10 mm	**OB123.10**	**OB124.10**	**OB125.10**	**OB127.10**
12 mm	**OB123.12**	**OB124.12**	**OB125.12**	**OB127.12**
15 mm	**OB123.15**	**OB124.15**	**OB125.15**	**OB127.15**
20 mm	**OB123.20**	**OB124.20**	**OB125.20**	**OB127.20**
25 mm	**OB123.25**	**OB124.25**	**OB125.25**	**OB127.25**



LAMBOTTE-MINI
12.5 cm/5"

2 mm	**OB136.02**
3 mm	**OB136.03**
4 mm	**OB136.04**
6 mm	**OB136.06**
8 mm	**OB136.08**
10 mm	**OB136.10**
12 mm	**OB136.12**
15 mm	**OB136.15**



LAMBOTTE-MINI
17.5 cm/7"

3 mm	**OB136.53**
4 mm	**OB136.54**
6 mm	**OB136.56**
8 mm	**OB136.58**
10 mm	**OB136.60**
12 mm	**OB136.62**
15 mm	**OB136.65**



LAMBOTTE
24 cm/9½"

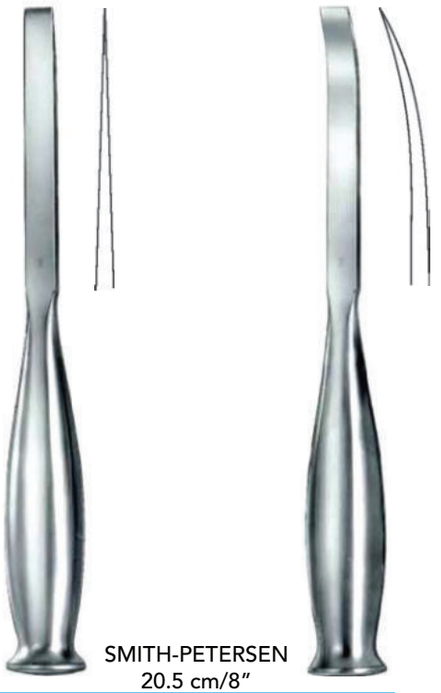
4 mm	**OB138.04**
6 mm	**OB138.06**
8 mm	**OB138.08**
10 mm	**OB138.10**
13 mm	**OB138.13**
15 mm	**OB138.15**
18 mm	**OB138.18**
20 mm	**OB138.20**
25 mm	**OB138.25**
30 mm	**OB138.30**
38 mm	**OB138.38**
44 mm	**OB138.44**
50 mm	**OB138.50**



LAMBOTTE
24 cm/9½"

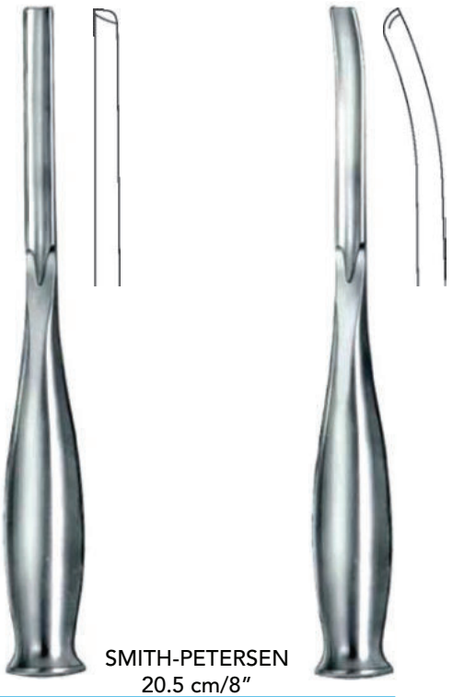
4 mm	**OB139.04**
6 mm	**OB139.06**
8 mm	**OB139.08**
10 mm	**OB139.10**
13 mm	**OB139.13**
15 mm	**OB139.15**
18 mm	**OB139.18**
20 mm	**OB139.20**
25 mm	**OB139.25**
30 mm	**OB139.30**
38 mm	**OB139.38**
44 mm	**OB139.44**
50 mm	**OB139.50**





SMITH-PETERSEN
20.5 cm/8″

6 mm	**OB154.06**	**OB155.06**
9 mm	**OB154.09**	**OB155.09**
13 mm	**OB154.13**	**OB155.13**
16 mm	**OB154.16**	**OB155.16**
19 mm	**OB154.19**	**OB155.19**
25 mm	**OB154.25**	**OB155.25**
32 mm	**OB154.32**	**OB155.32**



SMITH-PETERSEN
20.5 cm/8″

9 mm	**OB156.09**	**OB157.09**
14 mm	**OB156.16**	**OB157.16**
19 mm	**OB156.19**	**OB157.19**
25 mm	**OB156.25**	**OB157.25**



HOKE
17 cm/6¾″

3 mm	**OB162.03**
5 mm	**OB162.05**
6 mm	**OB162.06**
8 mm	**OB162.08**
9 mm	**OB162.09**



HIBBS
24.5 cm/9¾″

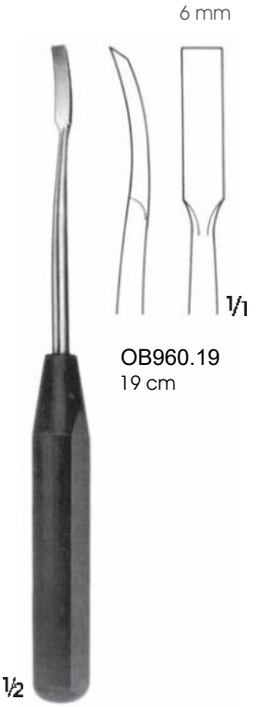
6 mm	**OB170.06**	**OB172.06**	**OB173.06**	**OB176.06**	**OB177.06**
13 mm	**OB170.13**	**OB172.13**	**OB173.13**	**OB176.13**	**OB177.13**
19 mm	**OB170.19**	**OB172.19**	**OB173.19**	**OB176.19**	**OB177.19**
25 mm	**OB170.25**	**OB172.25**	**OB173.25**	**OB176.25**	**OB177.25**
32 mm	**OB170.32**	**OB172.32**	**OB173.32**	**OB176.32**	**OB177.32**



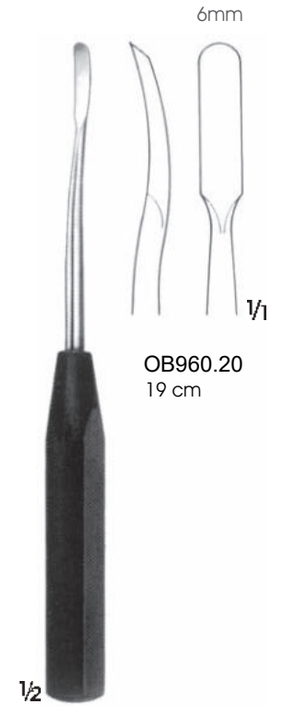
OB960.17
19 cm



OB960.18
18.5 cm



OB960.19
19 cm



OB960.20
19 cm



ZIELKE
23 cm/9"
5.5 mm **OB112.05**
9 mm **OB112.09**



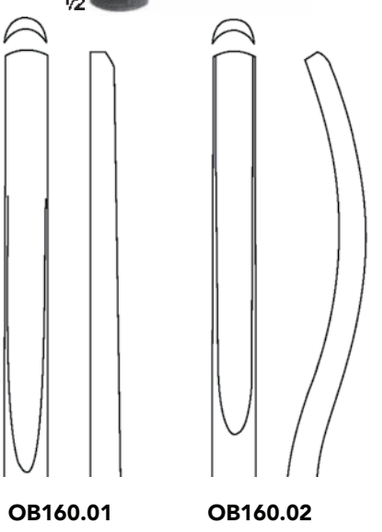
LEXER
24.5 cm/9¾"
5 mm **OB131.05**
10 mm **OB131.10**
15 mm **OB131.15**



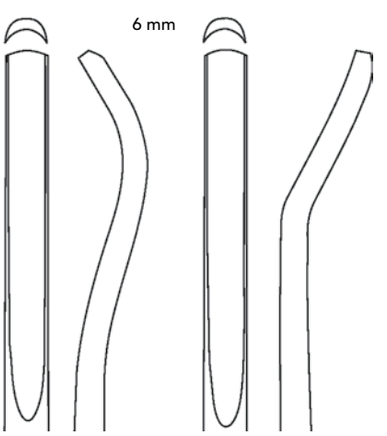
LEXER
24.5 cm/9¾"
5 mm **OB131.55**
10 mm **OB131.60**
15 mm **OB131.65**



COBB
28 cm/11"



OB160.01 **OB160.02**



OB160.03 **OB160.04**



LEXER
22 cm/8¾"

5 mm	**OB134.05**
7 mm	**OB134.07**
10 mm	**OB134.10**
15 mm	**OB134.15**
20 mm	**OB134.25**
25 mm	**OB134.20**
30 mm	**OB134.30**



LEXER
22 cm/8¾"

5 mm	**OB135.05**
7 mm	**OB135.07**
10 mm	**OB135.10**
15 mm	**OB135.15**
20 mm	**OB135.25**
25 mm	**OB135.20**
30 mm	**OB135.30**



LEXER-MINI
18 cm/7"

4 mm	**OB132.04**
6 mm	**OB132.06**
8 mm	**OB132.08**
10 mm	**OB132.10**
12 mm	**OB132.12**



LEXER-MINI
18 cm/7"

4 mm	**OB133.04**
8 mm	**OB133.06**
8 mm	**OB133.08**
10 mm	**OB133.10**
12 mm	**OB133.12**



VOLKMANN

Fig.	17 cm/7"	27 cm/10¾"
0000	**OB280.40**	
000	**OB280.30**	
00	**OB280.20**	
0	**OB280.10**	**OB282.10**
1	**OB280.01**	**OB282.01**
2	**OB280.02**	**OB282.02**
3	**OB280.03**	**OB282.03**
4	**OB280.04**	**OB282.04**
5	**OB280.05**	
6	**OB280.06**	



CASPER
22 cm/8¾"

Ø 3 mm	**OB197.03**
Ø 5 mm	**OB197.05**
Ø 7 mm	**OB197.07**
Ø 8 mm	**OB197.08**
Ø 9 mm	**OB197.09**



20 cm/8"

Ø 12 mm	**OB199.12**
Ø 14 mm	**OB199.14**
Ø 16 mm	**OB199.16**



OB960.81
3.5 mm

OB960.82
2.5 mm

PASSOW
OB960.81-82
12 cm



15.5 cm/6"

Ø 2 mm	**OB198.02**
Ø 3 mm	**OB198.03**
Ø 4 mm	**OB198.04**
Ø 5 mm	**OB198.05**
Ø 6 mm	**OB198.06**
Ø 7 mm	**OB198.06**
Ø 8 mm	**OB198.08**
Ø 9 mm	**OB198.08**
Ø 10 mm	**OB198.10**



WILLIGER
24 cm/9½"
Ø 26 mm 275g **OB200.01**
Ø 28 mm 320g **OB200.02**
Ø 30 mm 340g **OB200.03**



DOYEN
20.5 cm/8¼"
Ø 25 mm 120g **OB204.01**
Ø 30 mm 170g **OB204.02**
Ø 35 mm 260g **OB204.03**

220g
Ø 30 mm



COLLIN
OB208.20
20 cm/7¾"



LUCAE
19.5 cm/7¾"
Ø 19 mm 230g **OB214.01**
Ø 25 mm 260g **OB214.02**



30(
Ø 30 (

COTTLE
OB215.19
19 cm/7½"



Ø 40 mm
520 gr
½

OMBREDANNE
OB960.56
24 cm

140g
Ø 20 mm



WILLIGER
OB216.01
16.5 cm/6½"

450g
Ø 30 mm



OB221.00
Spare facing pair

MEAD
OB220.17
19 cm/7½"

175g
Ø 27 mm



PARTSCH
OB224.18 175 gr. 19 cm/7½"
OB1000.56 150 gr. 18 cm/7"

Ø 27 mm



½
HAJEK
OB960.21
135 gr.
22 cm

Ø 22



OB960.22
155 gr
19 cm
½

Ø 30 mm
Ø 42 mm
285 gr



½
24 cm
OB960.43


Ø 45 mm
300 gr
½
BERGMANN
OB960.44
24.5 cm
27 mm
Ø 13.5 mm
425 gr
½
OB960.45
23.5 cm
Ø 30 mm
245 gr
½
BERGMANN
OB960.46
23.5 cm
450g
Ø 30 mm
OB218.22
26 cm/10¼"
340g
Ø 45 mm
OB236.01
26 cm/10¼"


660 gr
Ø 40 mm
OB960.47
HEATH
18.5 cm
610g
Ø 32 mm
OB242.24
26 cm/10¼"
460g
Ø 30 mm
OB242.07
24 cm/9½"
580g
Ø 30 mm
OB260.01
26.5 cm/10½"
1300g
Ø 50 mm
OB260.02
26.5 cm/10½"



SCHEDE

Fig.	17 cm/7″
000	**OB300.30**
00	**OB320.20**
0	**OB300.10**
1	**OB333.01**
2	**OB333.02**
3	**OB333.03**
4	**OB333.04**



VOLKMANN

Fig.	17 cm/7″
0000	**OB304.40**
000	**OB304.30**
00	**OB304.20**
0	**OB304.10**
1	**OB305.01**
2	**OB305.02**
3	**OB305.03**
4	**OB305.04**
5	**OB305.05**
6	**OB305.06**



BRUNS

Fig.	17 cm/7″
0000	**OB308.40**
000	**OB308.30**
00	**OB308.20**
0	**OB308.10**
1	**OB339.01**
2	**OB339.02**
3	**OB339.03**
4	**OB339.04**
5	**OB339.05**
6	**OB339.06**



BRUNS

Fig.	17 cm/7″
000	**OB960.65**
00	**OB960.66**
0	**OB960.67**
1	**OB960.68**
2	**OB960.69**
3	**OB960.70**
4	**OB960.71**



SPRATT

Fig.	20 cm
0000	**OB312.40**
000	**OB312.30**
00	**OB312.20**
0	**OB312.10**
1	**OB313.01**
2	**OB313.02**
3	**OB313.03**
4	**OB313.04**
5	**OB313.05**



SPRATT

Fig.	20 cm
0000	**OB960.72**
000	**OB960.73**
00	**OB960.74**
0	**OB960.75**
1	**OB960.76**
2	**OB960.77**
3	**OB960.78**
4	**OB960.79**
5	**OB960.80**



DAUBENSPECK

Fig.	17 cm/7″
0000	**OB306.40**
000	**OB306.30**
00	**OB306.20**
0	**OB306.10**



MODELL USA

Fig.	16.5 cm/6½″
1	**OB.344.01**
2	**OB.344.02**
3	**OB.344.03**
4	**OB.344.04**
5	**OB.344.05**
6	**OB.344.06**



MODELL USA

Fig.	16.5 cm/6½″
1	**OB.345.01**
2	**OB.345.02**
3	**OB.345.03**
4	**OB.345.04**
5	**OB.345.05**
6	**OB.345.06**



MODELL USA

Fig.	16.5 cm/6½″
1	**OB.347.01**
2	**OB.347.02**
3	**OB.347.03**
4	**OB.347.04**
5	**OB.347.05**
6	**OB.347.06**



HALLE

Fig.	25 cm/9¾″
1	**OB.350.01**
2	**OB.350.02**
3	**OB.350.03**



15 cm/6″

Fig.	WILLIGER
00/00	**OB359.00**
0/0	**OB359.10**
1/1	**OB359.12**



JACOBSEN
OB351.14
14 cm/5½″



VOLKMANN

12.5 cm/4¾″	**OB352.13**
14.5 cm/5¾″	**OB352.14**
17.0 cm/6¾″	**OB352.17**



VOLKMANN

13 cm/5″	**OB354.13**
16 cm/6¼″	**OB354.16**
20 cm/8″	**OB354.20**



14 cm/5½″

Fig.	WILLIGER
00/0	**OB358.00**
0/1	**OB358.01**
1/2	**OB358.12**



MOLT
OB395.24
19 cm/7½″



BUSHE
25 cm/9¾″

3 mm	**OB348.03**
4 mm	**OB348.04**
5 mm	**OB348.05**



OB356.21
21 cm/8¼″



SCOVILLE
25 cm/9¾″
OB336.25
OB337.25
OB339.25



SIMON

Fig.	22.5 cm/8¾″
1	**OB340.01**
2	**OB340.02**
3	**OB340.03**
4	**OB340.04**
5	**OB340.05**
6	**OB340.06**



Fig.	25 cm/9¾″
000	**OB342.30**
00	**OB342.20**
0	**OB342.10**
1	**OB342.01**



BRUNS

Fig.	23 cm/9″
000	**OB334.30**
00	**OB334.20**
0	**OB334.10**
1	**OB335.01**
2	**OB335.02**
3	**OB335.03**
4	**OB335.04**
5	**OB335.05**
6	**OB335.06**



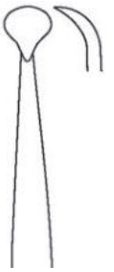
MOLT
17 cm/7″



OB395.01
Fig. 1



OB395.02
Fig. 2



OB395.03
Fig. 3



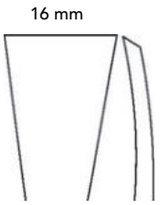
OB395.04
Fig. 4



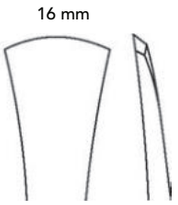
OB395.05
Fig. 5



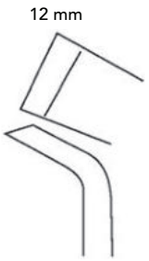
MARTIN-LANGENBECK



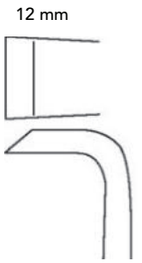
OB400.01
19 cm/7½″



OB400.02
20 cm/8″



OB400.03
19 cm/7½″



OB400.04
18 cm/7″



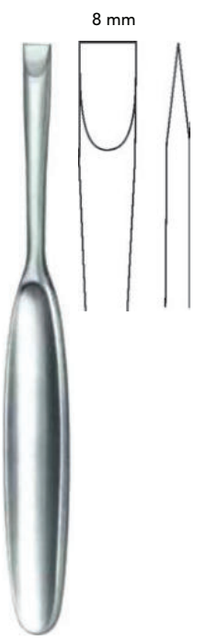
MARTIN-HOEN

19 cm/6¼″	7 mm	**OB400.10**
18.5 cm/7¼″	15 mm	**OB400.11**
19 cm/7½″	20 mm	**OB400.12**



MARTIN-CUSHING

17.5 cm/6¾″	4 mm	**OB400.20**
17.5 cm/6¾″	6 mm	**OB400.21**
19.5 cm/7¾″	5 mm	**OB400.25**
19.5 cm/7¾″	7 mm	**OB400.26**



MARTIN-CUSHING
OB400.30
17 cm/6¾″



CUSHING
20,5 cm
6 mm **NU1000.72**



LANGENBECK
OB401.18
18 cm/7″



LANGENBECK
OB402.19
19 cm/7½″





LANDOLT
OB404.18
17.5 cm/6¾"



JANSEN
OB405.17
16.5 cm/6½"



KOENIG
OB406.16
15.5 cm/6"



TRELAT
OB407.15
15 cm/6"



SCHNEIDER
OB408.18
17.5 cm/6¾"



SCHNEIDER-SAUERBRUCH
OB409.14
19 cm/7½"



16 cm/6¼"
5 mm **OB411.05**
6 mm **OB411.06**
7 mm **OB411.07**



COTTLE
OB412.20
19 cm/7½"



SEWALL
OB413.20
20 cm/8"



SEDILLOT
OB414.19
18.5 cm/7¼"



FARABEUF-COLLIN
15.5 cm/6¼"
Straight **OB416.11**
Curved **OB417.11**



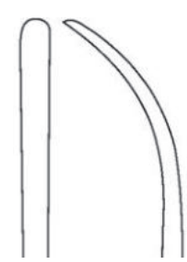
FARABEUF
15.5 cm/6¼"
Straight **OB418.15**
Curved **OB419.15**



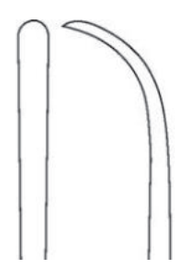
MÜHLING
17 cm/6¾"



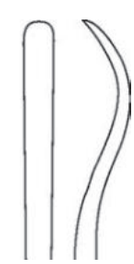
OB421.01



OB421.02



OB421.03



OB421.04



KEY

18 cm/7¼"	3 mm	**OB423.01**
18 cm/7¼"	6 mm	**OB423.02**
19 cm/7½"	10 mm	**OB423.03**
19 cm/7½"	13 mm	**OB423.04**
20 cm/8"	16 mm	**OB423.05**
20 cm/8"	19 mm	**OB423.06**
21 cm/8¼"	25 mm	**OB423.07**



COBB

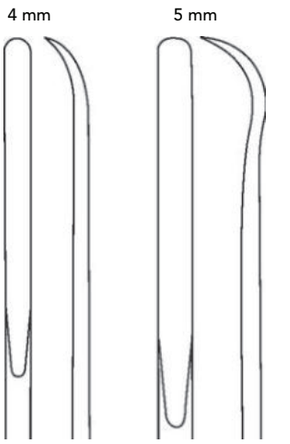
	23 cm/9"	28 cm/11"
6 mm	**OB.426.06**	**OB425.06**
10 mm	**OB.426.10**	**OB425.10**
13 mm	**OB.426.13**	**OB425.13**
19 mm	**OB.426.19**	**OB425.19**
25 mm	**OB.426.25**	**OB425.25**



SEDILLOT
OB427.21
23 cm/9"



KAHRE-WILLIGER
16.5 cm/6½"



OB436.04 **OB436.05**



WILLIGER
OB436.07
16 cm/6¼"



WILLIGER
OB434.13
12.5 cm/5"



WILLIGER
OB436.16
16 cm/6¼"



17 cm/7"

3 mm	**OB438.03**
6 mm	**OB438.06**



17 cm/7"

6 mm	**OB439.06**
8 mm	**OB439.08**





DOYEN

Right Curved



OB441.17
17 cm/6¾″

Left Curved



OB443.17
17 cm/6¾″

Right Curved



OB445.17
18 cm/7″

Left Curved



OB447.17
18 cm/7″

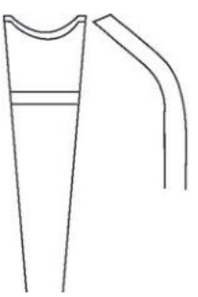


ALEXANDER
OB448.21
21 cm/8¼″



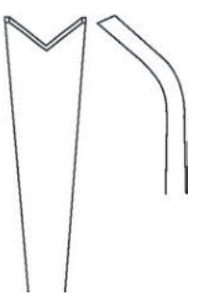
SEMB

12 mm



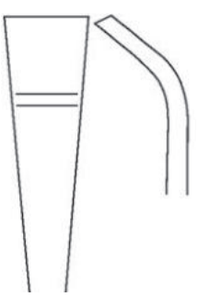
OB450.01
19 cm/7½″
Fig. 1

12 mm



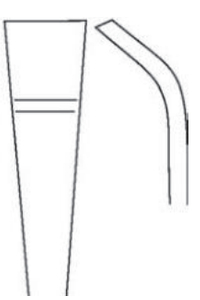
OB450.02
22 cm/8¾″
Fig. 2

13 mm



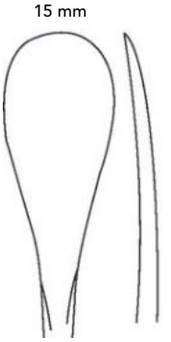
OB450.03
19 cm/7½″
Fig. 3

13 mm



OB450.04
22 cm/8¾″
Fig. 4

15 mm



OB450.05
23 cm/9″
Fig. 5

LAMBOTTE
21.5 cm/8½″

5 mm	**OB461.05**
10 mm	**OB461.10**
15 mm	**OB461.15**
20 mm	**OB461.20**
25 mm	**OB461.25**





OB479.28
28 cm/11″



OB481.24
25 cm/9¾″

flat solid



OB482.22
22 cm/8¾″



PUTTI
OB181.30
30 cm/11¾″



PUTTI
OB183.27
27 cm/10½″



ADSON
17.5 cm/7″



OB484.17



OB485.17

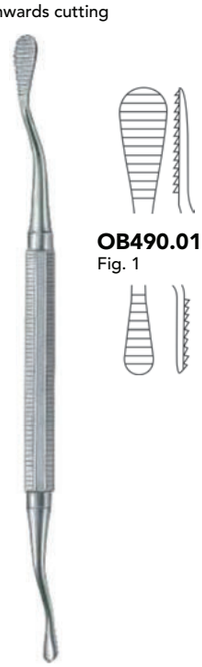


OB486.17



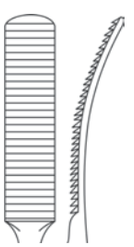
OB487.17

downwards cutting

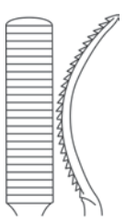


MILLER-COLBURN
18 cm/7″

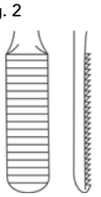
OB490.01
Fig. 1



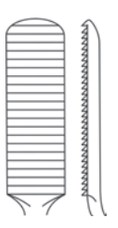
OB490.02
Fig. 2



OB490.03
Fig. 3



OB490.04
Fig. 4

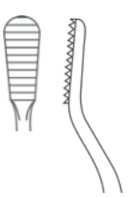


OB490.05
Fig. 5

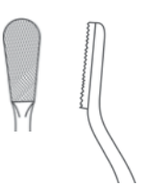
TC Jaws



MILLER
19 cm/7½″



OB492.01



OB493.03

cross cutting



MILLER-COLBURN

Fig.	18 cm/7″
1	**OB491.01**
2	**OB491.02**
3	**OB491.03**
4	**OB491.04**





LANGENBECK

19.5 cm/7¾"	7 mm	**OB495.20**
19.5 cm/7¾"	10 mm	**OB497.20**
23 cm/9"	11 mm	**OB498.23**



WILLIGER
OB510.17
17 cm/7"



WILLIGER
OB513.16
16 cm/6¼"



SEBILEAU
OB516.18
17.5 cm/7"



QUERVAIN
OB517.20
19.5 cm/7¾"



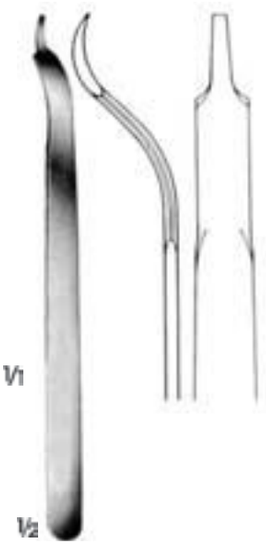
ALDERDYCE
OB525.21
21 cm/8¼"



MCDONALD
OB527.19
18.5 cm/7¼"



OB960.63
14 cm



BUCK-GRAMCKO
OB960.62
15 cm



OB537.06
15 cm/6"



HOHMANN, MINI
16 cm/6¾"

6 mm	**OB539.06**
8 mm	**OB539.08**



OB539.15
16 cm/6¾"
OB539.16
12 cm 15 mm



BENNETT

24 cm/9½"	43 mm	**OB559.24**
23.5 cm/9¼"	60 mm	**OB561.24**

Knee Retractors



BLOUNT
OB563.26
26.5 cm/10½"



BLOUNT
OB565.26
26.5 cm/10½"



HOHMANN
OB541.08
21.5 cm/8¾"



HOHMANN
OB541.18
23.5 cm/9½"



HOHMANN
OB541.43
23.5 cm/9½"



HOHMANN
OB541.70
25 cm/9¾"



HOHMANN
OB543.43
23.5 cm/9½"



HOHMANN
OB545.22
25.5 cm/10¼"



HOHMANN
OB545.35
29 cm/11½"



HOHMANN
OB547.24
27.5 cm/10¾"



LANGE-HOHMANN
OB549.22
25 cm/9¾"





OB960.32
Ø 2 mm

OB960.33
Ø 3 mm

OB960.34
Ø 4 mm

1/1
OB960.35
Ø 6 mm

½
BUNNELL
13.5 cm



OB960.37
Ø 4 mm

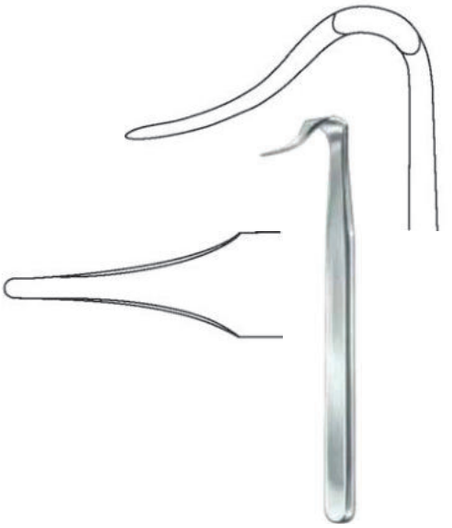
OB960.38
Ø 4.5 mm

VI
OB960.39
Ø 5.5 mm

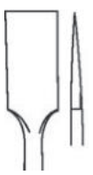
½
Esnek şaft/Flexible shaft
23 cm



TAYLOR
16 cm/6¼"
95 x 30 mm **OB571.16**
115 x 30 mm **OB573.16**



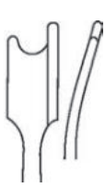
BLOUNT
OB567.17
17.5 cm/6¾"



OB630.17
Fig. 1



OB631.17
Fig. 2



OB633.17
Fig. 3



17.5 cm/7"



NEFF
22 cm/8¾"

Fig. 1 Left **OB643.22**
Fig. 2 Right **OB645.22**



SALENIUS
21.5 cm/8½"

Fig. 1 Left **OB650.22**
Fig. 2 Right **OB651.22**



FISCHER
OB660.31
31 cm/12¼"



OB662.29
28.5 cm/11¼"

Tendon Passer



BUNNELL
OB664.23
23 cm/9"



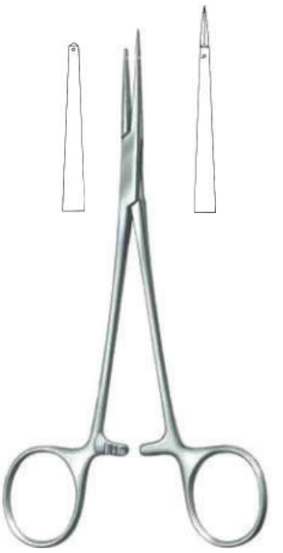
STEINMANN
OB674.16
16 cm/6½″

2 x 3



BRAND

15.0 cm/6″	**OB676.15**
19.0 cm/7½″	**OB676.19**
24.5 cm/9¾″	**OB676.24**



OB682.16
15 cm/6″



OB683.16
15 cm/6″



OB717.12
13.5 cm/5¼″

Bone holding forceps



OB704.14
14.5 cm/5¾″



OB680.13
11.5 cm/4½″



BIRCHER-GANSKE

21.0 cm/8¼″	Straight	**OB710.20**
20.5 cm/8″	Curved up	**OB611.20**



BIRCHER-GANSKE
OB713.20
20 cm/8″



2:3



21.0 cm/8¼"
Straight Curved
OB678.00 **OB678.01**



LEWIN
OB718.17
18 cm/7"



MARTIN
OB716.19
18.5 cm/7¼"

long ratchet



OB721.09
14 cm/5½"

1/1



OB960.28
Pozisyon pensi
Reposition forceps
20.5 cm

Bone holding forceps



DINGMANN
OB715.19
18.5 cm/7¼"



long ratchet

OB721.14
14 cm/5½"

delicate



OB716.14
14 cm/5½"



CARROLL
OB679.11
11.5 cm/4½"



LANGENBECK
OB722.21
21 cm/8¼"



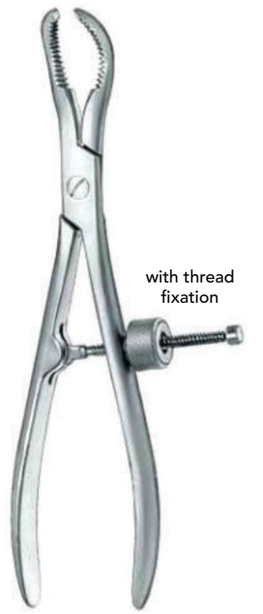
FERGUSSON
OB724.21
21 cm/8¼"



FROSCH
OB726.18
18 cm/7"



OB727.20
20 cm/8"



OB729.16
17.5 cm/7"



OB729.24
17.5 cm/7"



KERN
17.0 cm/6¾" **OB730.17**
24.5 cm/9¾" **OB730.21**



SEMB
OB731.19
19.5 cm/7¾"



OB732.23
23 cm
OB734.26
26 cm/10¼"





ULRICH

	Straight	Angled
23 cm/9″	**OB746.23**	**OB747.23**
25 cm/10″	**OB746.25**	**OB747.25**
28 cm/11″	**OB746.28**	**OB747.28**

5 mm



VERBRUGGE
OB960.61
17.5 cm



VERBRUGGE

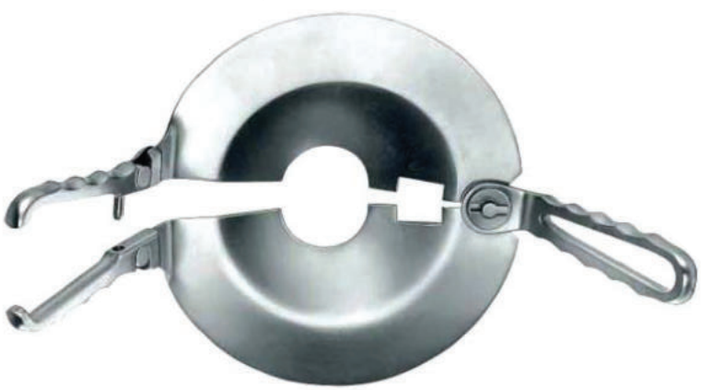
25 cm/10″	**OB755.01**
26 cm/10¼″	**OB755.02**
27.5 cm/10¾″	**OB755.03**



LANE
33 cm/13″

With Ratchet	Without Ratchet
OB750.33	**OB752.33**

detachable, Amputation Retractor



PERCEY
OB762.30



LOWMAN

16 cm	**OB960.29**
18 cm	**OB960.30**
20 cm	**OB960.31**



STELLBRINK



OB777.01
17.0 cm/7″



OB777.02
16.5 cm/6½″



FRIEDMANN
OB799.12
12.5 cm/4¾″



FRIEDMANN
OB801.14
13.5 cm/5¼″

delicate long tip



FRIEDMANN
OB803.14
13.5 cm/5¼″



CLEVELAND
OB805.14
13.5 cm/5¼″



CLEVELAND
OB807.17
16.5 cm/6½″



MEAD
OB815.16
16.5 cm/6½″



MEAD
OB816.16
16.5 cm/6½″



HARTMANN
OB819.18
17.5 cm/7″



LUER
18.0 cm/7″

Straight	**OB846.17**
Curved	**OB847.17**





JANSEN



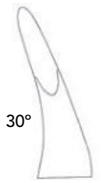
OB826.18
18 cm/7″



OB829.18
18.0 cm/7″



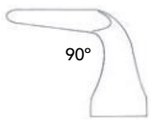
BLUMENTHAL
16.0 cm/7″



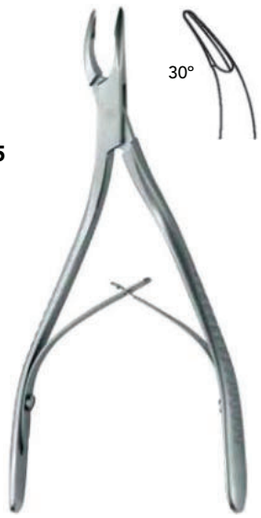
OB835.15



OB837.15



OB839.15



OB835.30
15.5 cm/6″



OB836.00
15.5 cm/6″



OB836.30
15.5 cm/6″



OB836.90
14.5 cm/5¾″



ZAUFAL-JANSEN
OB881.30
18 cm/7″



BEYER
OB879.18
18 cm/7″



MAYFIELD
OB883.17
18 cm/7″



MARQUARD
OB885.20
20.5 cm/8″



RUSKIN
OB887.18
19 cm/7½″



LEMPERT
19 cm/7½″

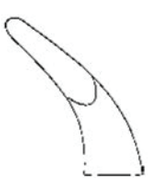
Straight **OB832.19** Curved **OB833.19**



LUER
14.5 cm/5¾″



OB853.15

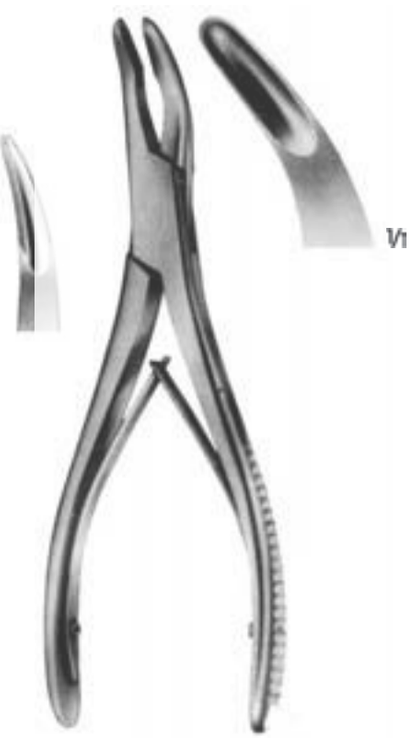


OB864.15



BOEHLER
15 cm/6″

Straight **OB876.15** Curved **OB877.15**



OLIVECRONA
OB960.54
20.5 cm





SEMB
OB895.22
23.5 cm/9¼"



FRYKHOLM
OB909.24
24.5 cm/9½"



LEKSELL-STILLE
24.5 cm/9½"

OB811.22



OB810.22



ECHLIN
23 cm/9"

OB899.02



OB899.03



OB899.04



STILLE-RUSKIN
OB901.23
23.5 cm/9¼"



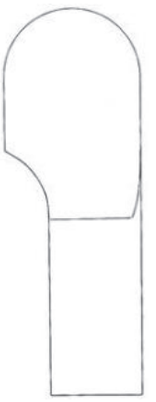
RUSKIN
OB893.23
24 cm/9½"



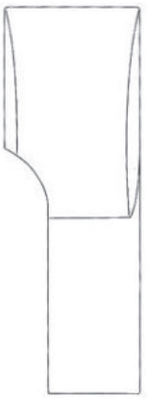
STILLE
OB897.23
22.5 cm/8¾"



SAUERBRUCH
31 cm/12¼"



OB918.30



OB916.30

1/1



½

LEKSELL-STILLE
OB1000.01
24 cm



STILLE-LUER

	Straight	Curved
23 cm/9"	**OB912.23**	**OB913.23**
27 cm/10¾"	**OB912.27**	**OB913.27**





COTTLE-KAZANJIAN
OB930.19
19 cm/7½"

Straight



LISTON

14 cm/5½"	**OB934.14**
17 cm/6¾"	**OB934.17**
20 cm/8"	**OB934.19**
22 cm/8¾"	**OB934.22**

Curved



LISTON

14 cm/5½"	**OB935.14**
17 cm/6¾"	**OB935.17**
20 cm/8"	**OB935.19**
22 cm/8¾"	**OB935.22**



CLEVELAND
OB939.17
17 cm/7"



CLEVELAND
OB941.15
14.5 cm/5¾"

Straight



BOEHLER
OB944.15
14.5 cm/5¾"

Curved



BOEHLER
OB946.15
14.5 cm/5¾"



CLEVELAND
OB947.16
17 cm/7"



OB950.18



OB951.18

RUSKIN-LISTON
17 cm/7"



SEMB
OB959.24
24.5 cm/9¾"



STILLE-LISTON
OB952.27
27 cm



STILLE-LISTON
23.5 cm/10¾" **OB955.23**
28 cm/11" **OB955.27**

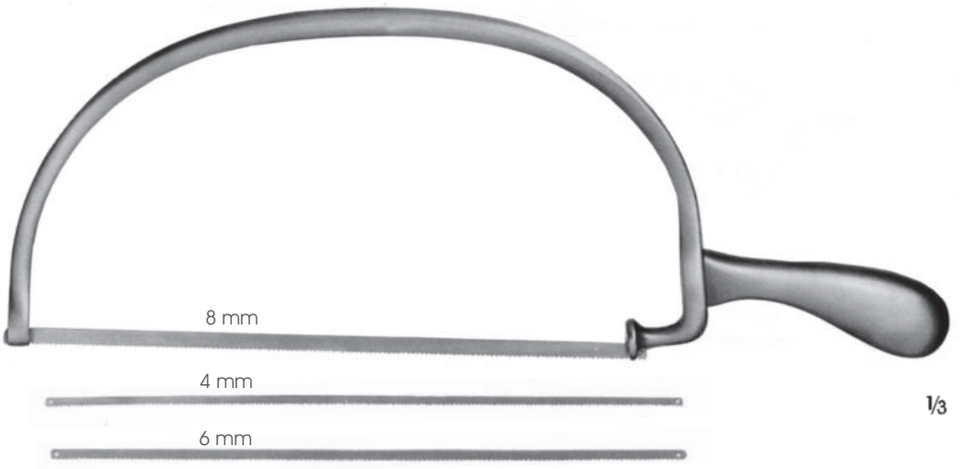


STILLE-LISTON
OB954.27
28 cm/11"

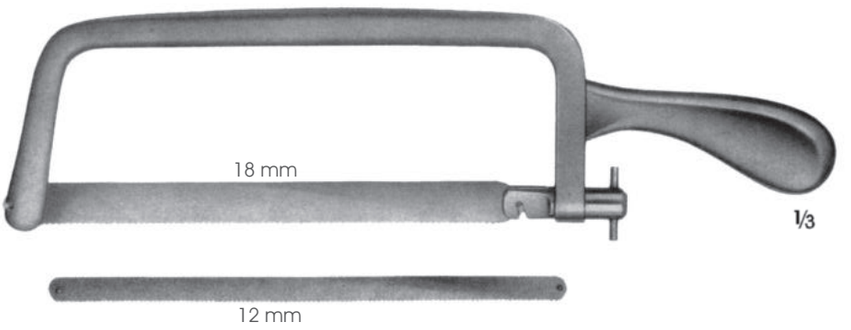


LISTON-KEY
OB957.27
26 cm/10¼"

BIER
OB960.23 Komple/Complete
42 cm
Length blade
Bleyd uzunluğu
27 cm



CHARRIERE
OB960.24 Komple/Complete
35 cm



CHARRIERE
OB960.25 27 cm
OB960.26 34 cm



SATTERLEE
OB960.27
29 cm





OB960.57
Tırtıllı ağız
With serrated jaws



OB960.41
Boylamasına ve çapraz kanallı
With longitudinal and transversal grooves

Tel bükücü, düz burunlu
wire twister, flat nosed
17 cm



OB960.42
Tel tutma pensi, düz burunlu
Wire holding forceps, flat nosed
19 cm



MARBURG MODELL
OB960.64
Tel tutma pensi,
Düz burunlu, tırtıllı ağız
Wire holding forceps,
Flat nosed, with serrated jaws
14 cm



OB960.53
Çıkartıcı/Extractor
25 cm



OB961.53
Çıkartıcı/Extractor
27 cm



OB960.56A
Parmak yüzük testere
Finger ring saw
15 cm



OB960.56B
Yedek bleyd
Spare blade



OB960.55
STAPLER SÖKÜCÜ
STAPLER REMOVER
9 cm





OC505.17
17 cm/6¾"

Flat nose pliers



OC507.18
18 cm/7"

Flat nose plier



Hackstock
OC518.16
16 cm/6¼"

Wire nipper



MARTIN-Diamant
OC522.16
16 cm/6¼"

Extracting forceps



TC Jaws

OC511.01
18 cm/7"

Side-cutting plier



TC Jaws

OC523.22
22 cm/8¾"

Combination cutting plier



TC Jaws

OC526.18
22 cm/8¾"

Wire twisting forceps



OC500.20
20 cm/8"



Yumuşak tel için Ø 3.0 mm
For soft wire Ø 3.0 mm
Sert tel için Ø 2.2 mm
For hard wire Ø 2.2 mm

OC1000.01
Yanal kesme
Lateral cutting
23.5 cm



Yumuşak tel için Ø 3.0 mm
For soft wire Ø 3.0 mm
Sert tel için Ø 2.0 mm
For hard wire Ø 2.0 mm

OC1000.02
22 cm



OC1000.05
Ø 6 mm kadar tel, vida, çivi vs. kesmek için
For cutting off wires, screws, pins, etc. up to Ø 6 mm
47 cm



Yumuşak tel için Ø 2.0 mm
For soft wire Ø 2.0 mm
Sert tel için Ø 1.5 mm
For hard wire Ø 1.5 mm

REILL
OC1000.04
17.5 cm



KIRSCHNER
OC1000.06
32 cm



Bending press

OC229.30

Plate cutter



OC528.55
55 cm/22″

Plate bending plier



OC229.20

Bending pliers for small plates



OC229.22
22 cm/8¾″

Plate bending plier



OI124.16
16 cm/6¼″

Bending iron for small plates



OC229.04
14.5 cm/5¾"

OC229.05
14.5 cm/5¾"

Depth gauge, small



OC219.04
16 cm/6¼"

Depth gauge, large



OC219.05
22 cm/8¾"

measuring sleeve



OC228.05
15.5 cm/6"

measuring sleeve



OC238.05
20.5 cm/8"

Sharp hook



OC219.39
15.5 cm/6"

sleeve & drill bit guide



OC212.27
10.5 cm/4"

Drill bit guides



OC222.21
12 cm/4¾"



OC222.32
14 cm/5½"

for compression hole

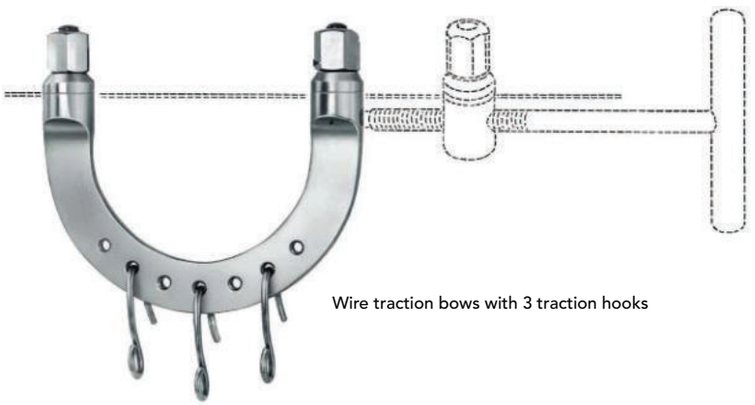


OC222.43
18 cm/7"



OC222.44
16.5 cm/6½"





Wire traction bows with 3 traction hooks

KIRSCHNER

95 x 70 mm	**OC581.01**
105 x 105 mm	**OC581.02**
120 x 120 mm	**OC581.03**
155 x 155 mm	**OC581.04**

Wire strainer



OC586.18
18.5 cm/7¼"

Traction hook for extension bows



OC603.06
18.5 cm/7¼"

with 3 traction hooks



KIRSCHNER

18.5 cm/7¼"	**OC585.01**
26.5 cm/10¼"	**OC585.02**

Wrench



OC587.20
20 cm/8"



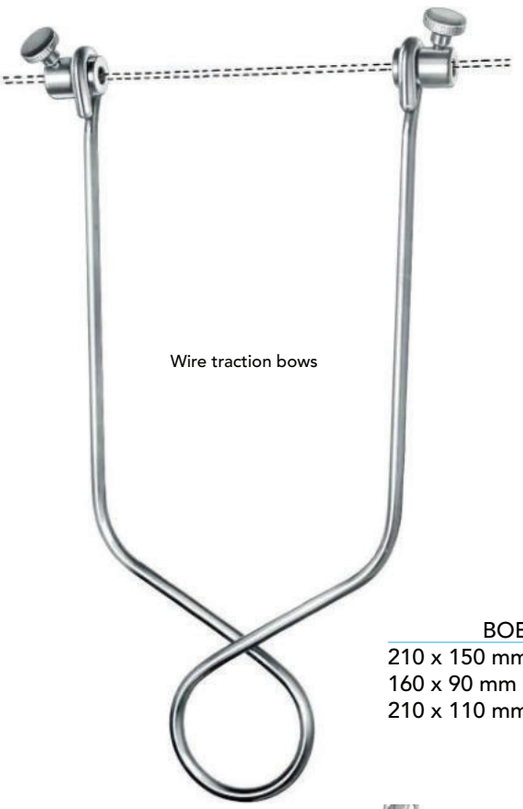
180 x 100 mm	**OC589.18**
270 x 160 mm	**OC589.27**

Ø 4 mm



Steinmann Pins, with trocar tip

14 cm/5½"	**OC562.14**
16 cm/6¼"	**OC562.16**
18 cm/7"	**OC562.18**
20 cm/8"	**OC562.20**



Wire traction bows

BOEHLER

210 x 150 mm	**OC565.15**
160 x 90 mm	**OC565.16**
210 x 110 mm	**OC565.21**

with three jaw chuck, longitudinal bore

with three jaw chuck and pin key



BUNNEL
OC606.00

Wrench



OC620.99



with three jaw chuck

RALK
OC611.01



OC.620.05

Handle with three jaw chuck, with key



Ayarlı sap
Adjustable handle

OC1000.03
El matkabı/Hand drill only
28 cm



Anahtar/Key





OC1000.11
Oyucu (Biz)
Reamer (Awl)
18 cm



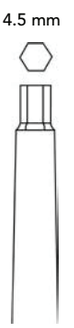
OC1000.12
Oyucu (Biz)
Reamer (Awl)
21.5 cm



OC368.21
21 cm/8¼"



OC369.21
21 cm/8¼"



OC369.25
25 cm/10"





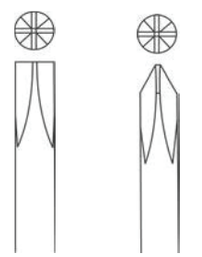
OC372.17
17 cm/6¾"



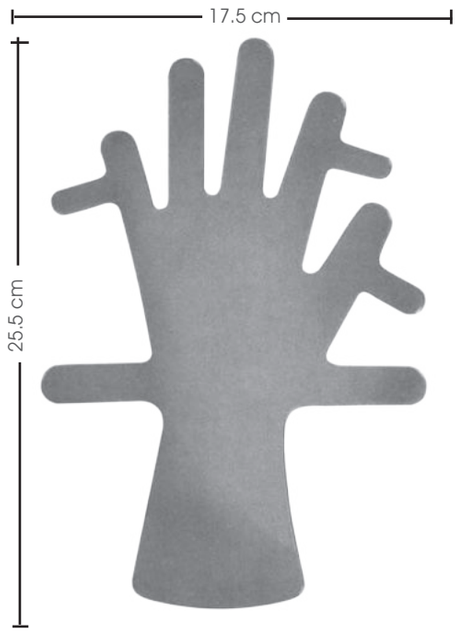
LANE
OC372.25
25 cm/10"



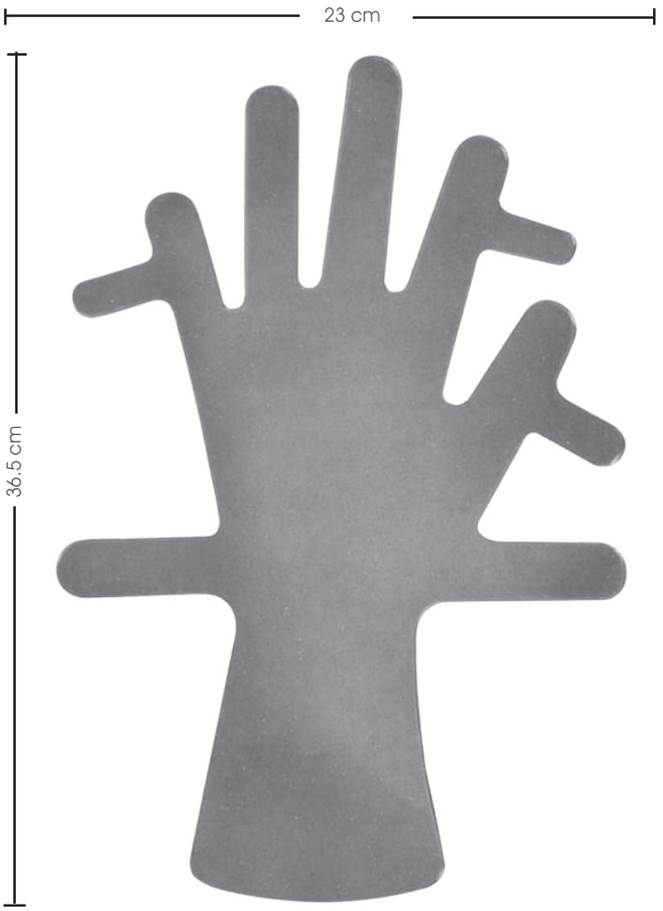
OC378.25
25 cm/10"



PHILIPS
OC380.25
25 cm/10"



OC960.58
Çocuklar için el sabitleyici, yumuşak
Children's hand control, soft



OC960.59
Yetişkinler için el sabitleyici, yumuşak
Used stabilizer for adults, soft



OC960.60

insided

NU

NEURO
INSTRUMENTS



Wire saws



GIGLI
30 cm/11″ **NU600.30**
40 cm/16″ **NU600.40**
50 cm/20″ **NU600.50**
60 cm/24″ **NU600.60**
70 cm/28″ **NU600.70**
40 cm/16″ **NU1000.67** (5 in pack)



STRULLY GIGLI
pair / çift
NU1000.63

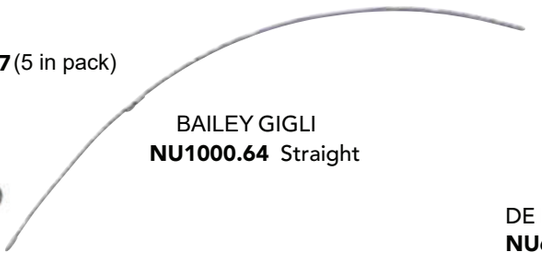
Wire saw guide



Medium pattern



CRUTCHFIELD
NU641.02



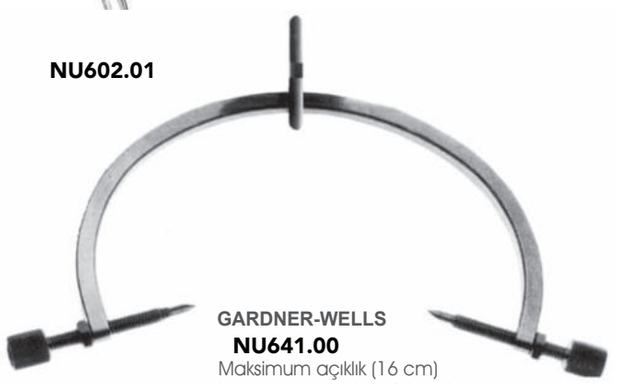
BAILEY GIGLI
NU1000.64 Straight

Wire saw handle



DE MARTEL
NU618.33
33 cm/13″

NU602.01



GARDNER-WELLS
NU641.00
Maksimum açıklık (16 cm)
Maximum opening (16 cm)

NU643.01
Large pattern



NU643.10

Spare pin for
32-7643-01

Drill point
Ø 3.5 mm



NU641.04
7 cm/2¾″

Ø 5 mm



NU641.05
7 cm/2¾″

NU641.01
Small pattern



CRUTCHFIELD



with 3 hooks



DAHLGREN
NU654.20
19.5 cm/7¾"

with 2 hooks



DE VILBISS
NU658.21
21 cm/8¼"

Cranial Punch



CONE
NU659.22
22.5 cm/8¾"

Clip Applying Forceps



MCKENZIE
NU663.19
18.5 cm/7¼"



RANEY
NU676.00
15.5 cm/6"

Clip Applying Forceps



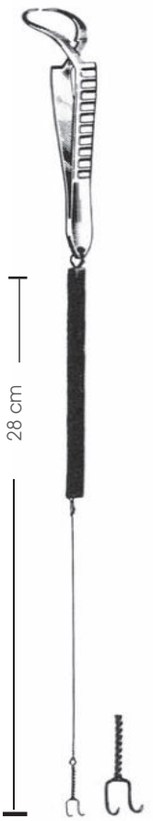
OLIVECRONA-TOENNIS
NU661.14

Galea hook

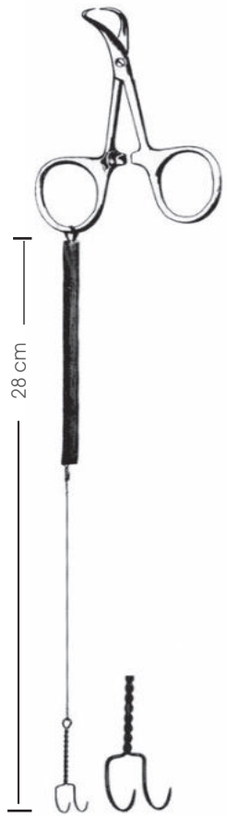


YASARGIL

26cm	**NU678.01S**
28cm	**NU678.02S**
30 cm/11″	**NU678.01**
41 cm/16¼″	**NU678.02**



NU500.45



NU500.44



NU500.46



TOENNIS
NU680.25
24 cm/9½″



OLIVECRONA
NU681.24
24 cm/9½″



OLIVECRONA
NU682.18
18 cm/7″



OLIVECRONA
NU683.24
24 cm/9½″



ADSON
NU1000.73



OLIVECRONA
NU684.19
20 cm/8″



SACHS
NU685.21
20.5 cm/8¼″



MILLIGAN
NU686.21
22 cm/8¾″

Fig. 1



PENFIELD
NU690.01
17.5 cm/7″

Fig. 2



PENFIELD
NU690.02
19.5 cm/7¾″

Fig. 3



PENFIELD
NU690.03
19.5 cm/7¾″

Fig. 4



PENFIELD
NU690.04
20.5 cm/8″

Fig. 5



PENFIELD
NU690.05
18.5 cm/7¼″



NU688.22
22 cm/8¾″



DAVIS
NU687.21
21.5 cm/8½″



DAVIS
NU691.24
24.5 cm/9¾″



CUSHING
19 cm/7½″ **NU742.19**
28 cm/11″ **NU742.28**

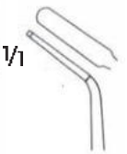
Fig. 1



Fig. 2



Fig. 1 **NU744.19**
Fig. 2 **NU744.28**



HOEN
NU530.39



HOEN
NU530.40

FRAZIER
NU530.38
Dissektor/Dissector
15 cm



ADSON
20 cm/8″



blunt
NU823.20



sharp
NU824.20



GRAHAM
NU825.16
16.5 cm/6½″



SACHS
NU827.18
17 cm/6¾″



GRONINGEN
NU738.26
26.5 cm/10½″



GRONINGEN
NU740.26
26.5 cm/10½″



SMITHWICK
16.5 cm/6½″ **NU748.17**
21 cm/8¼″ **NU748.21**



WOODSON
NU1000.91
18 cm/7″



NU1000.74
18.5 cm/7¼″

80-1537



NU830.19



NU831.19



19 cm/7½″ FRAZIER
13 cm/5″ **NU835.13**
18 cm/7″ **NU835.18**

Tumor fork



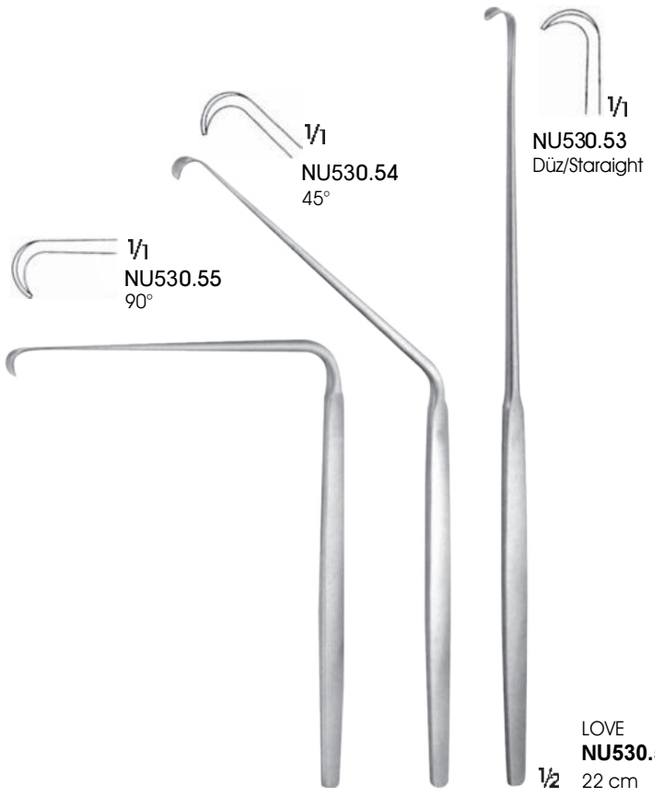
NU853.01
8 mm



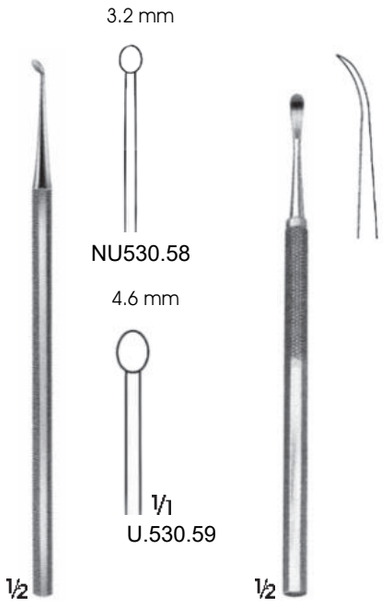
NU853.02
5 mm



YASARGIL
20 cm/8″



LOVE
NU530.53-NU530.55
22 cm



PARTSCH
NU530.58-NU530.59
15 cm

PARTSCH-LANGE
NU530.60
14.5 cm



20 cm
8 mm **NU1000.88**
12 mm **NU1000.89**



CUSHING
NU1000.90
18,5 cm



CASPAR

NU1000.31
Distraktör/Distractor
Sağ / Right

NU1000.33
Distraktör/Distractor
Sol / Left

CASPAR

NU1000.30	(Komple/Complete) Sağ (Right)
NU1000.31	1 adet distraktör/1each distractor
NU1000.34	1 adet matkap klavuzu/1 each drill guide
NU1000.36	1 adet matkap/1 each twist drill
NU1000.39	2 adet distraksiyon vidası/2 each distraction screws
NU.1000.37	1 adet tornavida/1 each Screw driver

CASPAR

NU1000.32	(Komple/Complete) Sol (Left)
NU1000.33	1 adet distraktör/1each distractor
NU1000.35	1 adet matkap klavuzu/1 each drill guide
NU1000.36	1 adet matkap/1 each twist drill
NU1000.39	2 adet distraksiyon vidası/2 each distraction screws
NU1000.37	1 adet tornavida/1 each Screw driver





CASPAR

NU1000.39	16 mm
NU1000.40	16 mm
NU1000.41	18 mm

CASPAR
NU1000.36 Ø 1.7 mm
Bükme matkabı/Twist drill
Delik derinliği/Drilling depth 8 mm
Sap çapı/Shank Ø 2.35
14.5 cm



NU1000.34
Matkap klavuzu
Sağ / Right
NU1000.35
Sol / Left



NU1000.37
Tornavida/Screw driver
20 cm

Tissue claw



NU853.03
18.5 cm/7″

Suture guide



YASARGIL
18.5 cm/7¼″



NU860.01
Fig. 1



NU860.02
Fig. 2



NU860.03
Fig. 3



NU860.04
Fig. 4

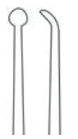
Micro raspatory



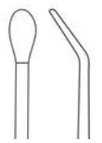
YASARGIL



NU862.01
18.5 cm/7¼″



NU862.05
23 cm/9″



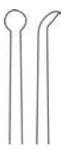
NU862.02
18.5 cm/7¼″



NU862.06
23 cm/9″



NU862.03
18.5 cm/7¼″



NU862.07
23 cm/9″



NU862.04
18.5 cm/7¼″

Tumor knife



SAMII
23 cm/9″



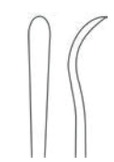
1.0 mm	**NU854.01**	
1.5 mm	**NU854.02**	**NU854.09**
2.0 mm	**NU854.03**	
2.5 mm	**NU854.04**	
3.0 mm	**NU854.05**	**NU854.10**
3.5 mm	**NU854.06**	
4.0 mm	**NU854.07**	
4.5 mm		**NU854.11**
5.0 mm	**NU854.08**	
6.0 mm		**NU854.12**



RHOTON
Micro Disector Set 19pcs
NU1000.71

Micro raspatory bayonet





NU862.10



NU862.11

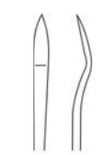


NU862.20

YASARGIL
18.5 cm/7¼″

Micro dissector straight





NU863.01
18.5 cm/7¼″



NU863.10
23 cm/9″



NU863.12
23 cm/9″

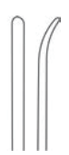
YASARGIL

Micro dissector bayonet





NU863.11



NU863.13

YASARGIL
23 cm/9″

Buttoned probe



JACOBSON
NU864.02
18.5 cm/7¼″

Probe double



JACOBSON
NU864.01
18.5 cm/7¼″

Micro curette



YASARGIL
NU865.01
18.5 cm/7¼″

Micro curette

NU865.10

NU865.11

YASARGIL
23 cm/9″

Dura hook

sharp

NU866.01

blunt

NU866.02

YASARGIL
23 cm/9″

Micro hooklet

NU940.01
Fig. 1

NU940.02
Fig. 2

NU940.03
Fig. 3

NU940.04
Fig. 4

KRAYENBUEHL
19 cm/7½″

Micro dissector

4.5 mm

NU856.01
23 cm/9″

1.0 mm

NU856.04
20 cm/8″

CASPER

1 mm

NU858.01
23 cm/9″

JACOBSON
NU858.30

SAMII

DANDY
22 cm

Bayonet

Micro vascular knife

KOOS
NU858.10
18.5 cm/7¼″

KOOS
NU858.11
18.5 cm/7¼″

KOOS
NU858.12
18.5 cm/7¼″

KOOS
NU858.13
18.5 cm/7¼″

YASARGIL
NU858.20
18.5 cm/7¼″

YASARGIL
NU858.21
18.5 cm/7¼″

90°

NU942.05
5 mm

NU942.07
7 mm

NU942.09
9 mm

45°

NU942.11
11 mm

CASPER
24.5 cm/9¾″

bayonet

4.5 mm

NU856.02
23 cm/9″

2.0 mm

NU856.03
23 cm/9″

1.0 mm

NU856.05
20 cm/8″

1.0 mm

NU856.06
20 cm/8″

Sutue Fork

NU856.10
23 cm/9″

CASPER



CLOWARD
NU973.15

Tam açıklık/Total opening 4.5 cm
13.5 cm



CLOWARD
NU973.16
16 cm/6¼"



INGE
NU977.27
25.5 cm/10"

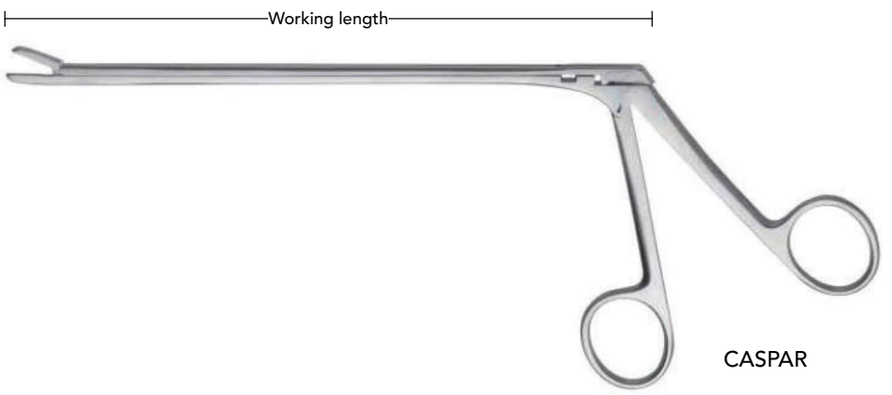


INGE
NU975.17
16 cm/6¼"

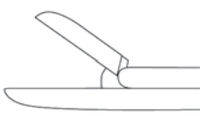


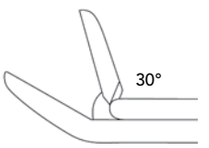
CLOWARD
NU974.17
16 cm/6¼"

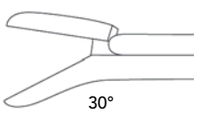
Rongeurs



CASPAR







2 mm

Working length						
15 cm/6″	NU981.05	NU982.05	NU981.25	NU982.25	NU981.45	NU982.45
18 cm/7″	NU981.09	NU982.09	NU981.29	NU982.29	NU981.49	NU982.49
20 cm/8″	NU981.13	NU982.13	NU981.33	NU982.33	NU981.53	NU982.53
30 cm/11¾″	NU981.17	NU982.17	NU981.37	NU982.37	NU981.57	NU982.57

3 mm

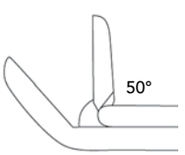
Working length						
15 cm/6″	NU981.06	NU982.06	NU981.26	NU982.26	NU981.46	NU982.46
18 cm/7″	NU981.10	NU982.10	NU981.30	NU982.30	NU981.50	NU982.50
20 cm/8″	NU981.14	NU982.14	NU981.34	NU982.34	NU981.54	NU982.54
30 cm/11¾″	NU981.18	NU982.18	NU981.38	NU982.38	NU981.58	NU982.58

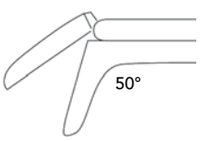
4 mm

Working length						
15 cm/6″	NU981.07	NU982.07	NU981.27	NU982.27	NU981.47	NU982.47
18 cm/7″	NU981.11	NU982.11	NU981.31	NU982.31	NU981.51	NU982.51
20 cm/8″	NU981.15	NU982.15	NU981.35	NU982.35	NU981.55	NU982.55
30 cm/11¾″	NU981.19	NU982.19	NU981.39	NU982.39	NU981.59	NU982.59

5 mm

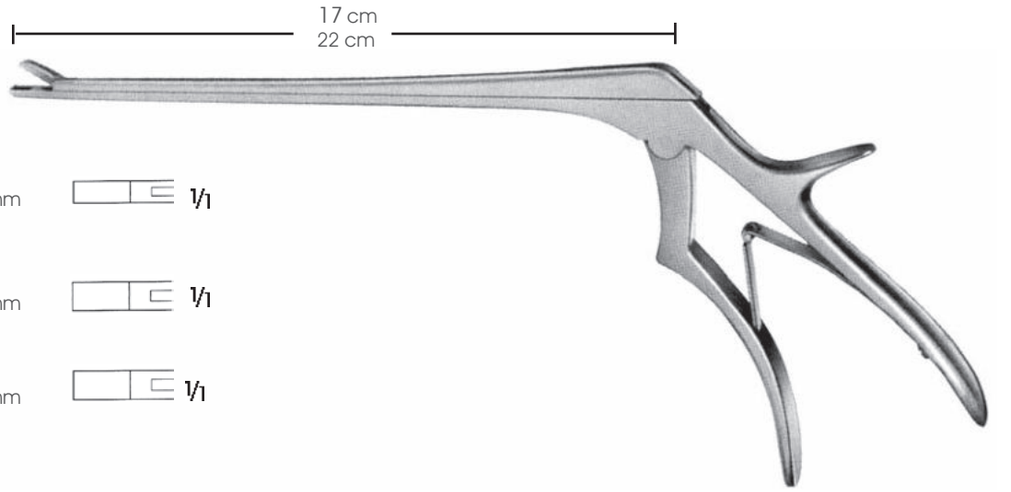
Working length						
15 cm/6″	NU981.08	NU982.08	NU981.28	NU982.28	NU981.48	NU982.48
18 cm/7″	NU981.12	NU982.12	NU981.32	NU982.32	NU981.52	NU982.52
20 cm/8″	NU981.16	NU982.16	NU981.36	NU982.36	NU981.56	NU982.56
30 cm/11¾″	NU981.20	NU982.20	NU981.40	NU982.40	NU981.60	NU982.60





4 mm

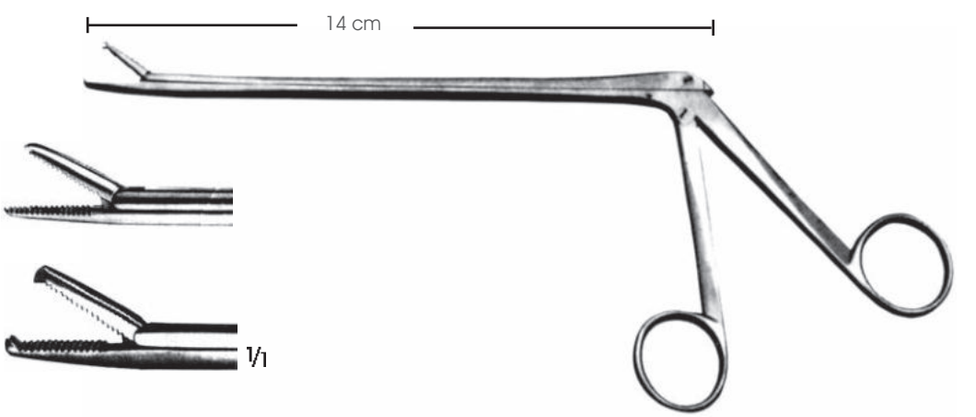
Working length				
18 cm/7″	NU980.80	NU984.80	NU982.80	NU986.80
30 cm/11¾″	NU981.81	NU985.81	NU983.81	NU987.81



CASPAR
NU500.34 3 mm
18 cm

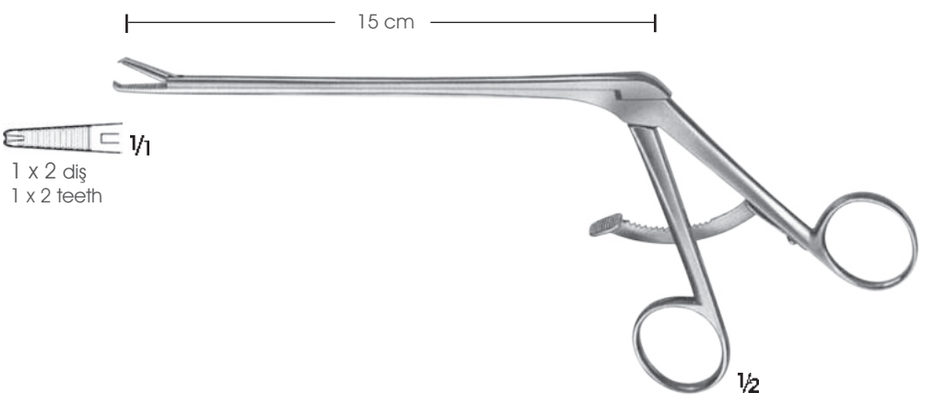
CASPAR
NU500.35 4 mm
18 cm

CASPAR
NU500.36 4 mm
20.5 cm



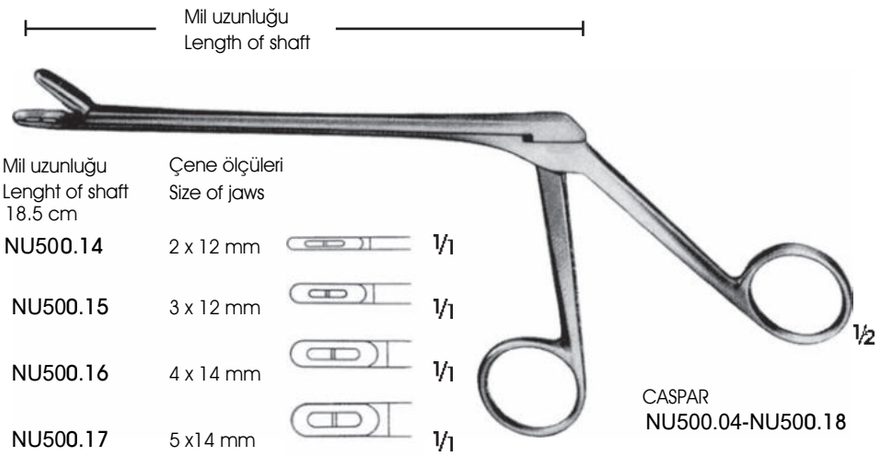
HOEN
NU500.37

NU500.38



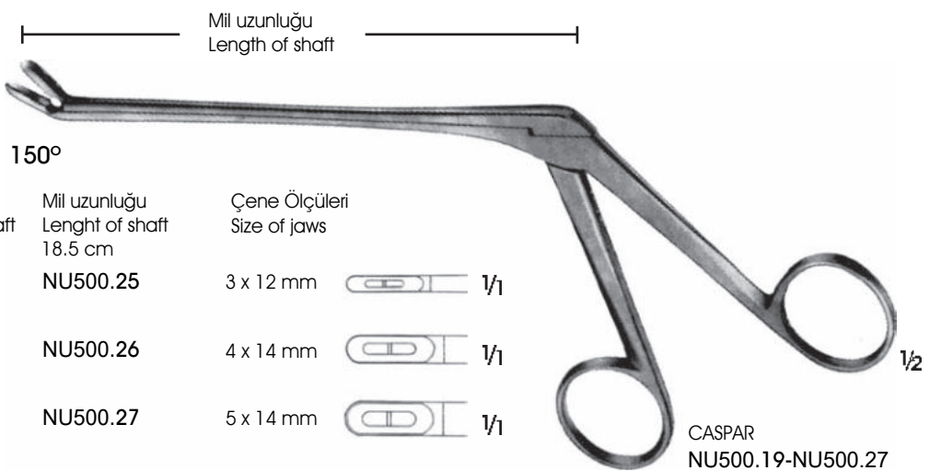
1 x 2 diş
1 x 2 teeth

KRAMER
NU500.39 15 cm
Bağ tutucu grasping pens, kilitli
With catch grasping forceps for ligamentum flavum



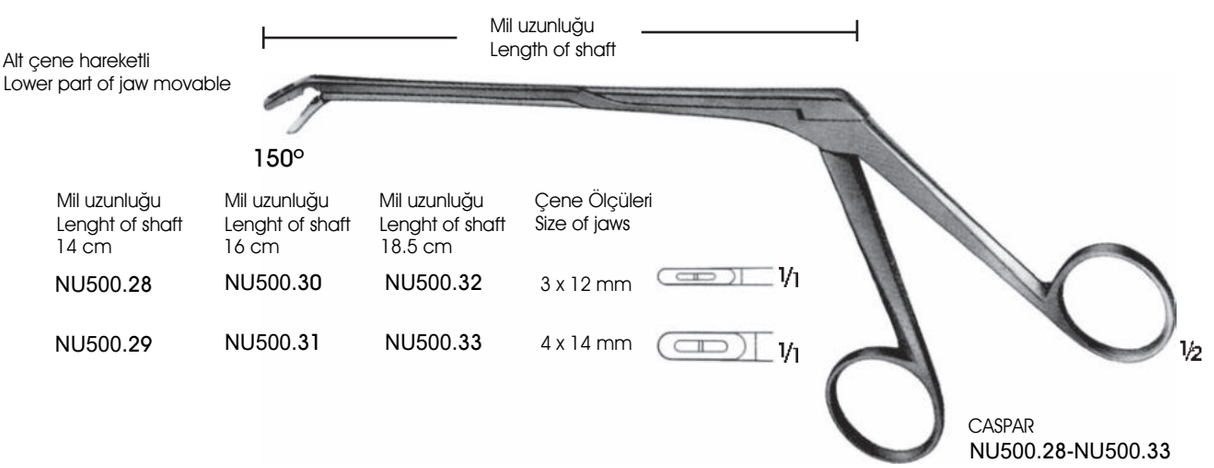
CASPAR
NU500.04-NU500.18

Mil uzunluğu Lenght of shaft 14 cm	Mil uzunluğu Lenght of shaft 16 cm	Mil uzunluğu Lenght of shaft 18.5 cm	Çene ölçüleri Size of jaws	
NU500.04	NU500.09	NU500.14	2 x 12 mm	1/1
NU500.05	NU500.10	NU500.15	3 x 12 mm	1/1
NU500.06	NU500.11	NU500.16	4 x 14 mm	1/1
NU500.07	NU500.12	NU500.17	5 x14 mm	1/1
NU500.08	NU500.13	NU500.18	6 x 16 mm	1/1



CASPAR
NU500.19-NU500.27

Mil uzunluğu Lenght of shaft 14 cm	Mil uzunluğu Lenght of shaft 16 cm	Mil uzunluğu Lenght of shaft 18.5 cm	Çene Ölçüleri Size of jaws	
NU500.19	NU500.22	NU500.25	3 x 12 mm	1/1
NU500.20	NU500.23	NU500.26	4 x 14 mm	1/1
NU500.21	NU500.24	NU500.27	5 x 14 mm	1/1



CASPAR
NU500.28-NU500.33

Mil uzunluğu Lenght of shaft 14 cm	Mil uzunluğu Lenght of shaft 16 cm	Mil uzunluğu Lenght of shaft 18.5 cm	Çene Ölçüleri Size of jaws	
NU500.28	NU500.30	NU500.32	3 x 12 mm	1/1
NU500.29	NU500.31	NU500.33	4 x 14 mm	1/1

LOVE-GRUENWALD
NU500.01 2 x 10 mm

NU500.02 3 x 10 mm

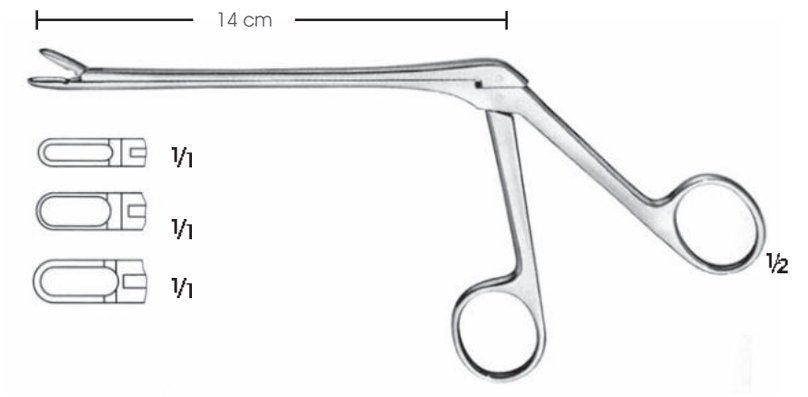
SPURLING
NU500.03 4 x 10 mm



CUSHING
NU530.34 4 mm

NU530.35 5 mm

NU530.36 6 mm



CUSHING
NU530.41 3 mm

NU530.42 4 mm

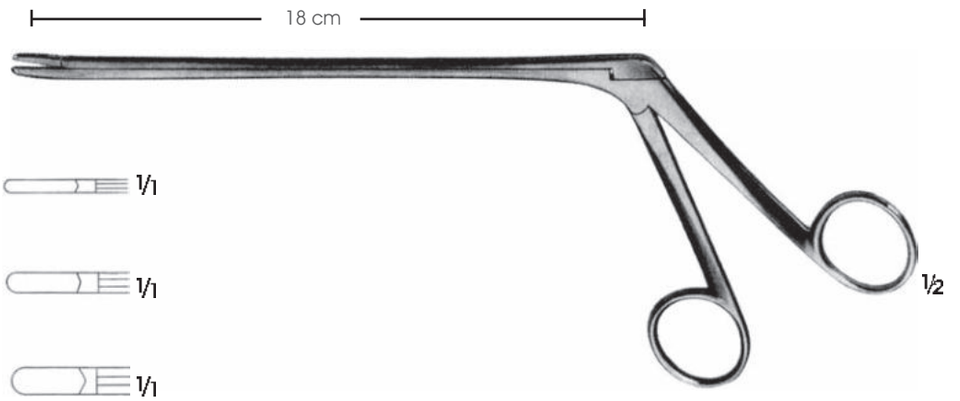
NU530.43 5 mm



CUSHING
NU530.44 3 mm

NU530.45 4 mm





CUSHING
NU1000.87 1,5 x 10 mm

NU530.46 2 x 10 mm

LOVE-GRUENWALD
NU530.47 3 x 10 mm

SPURLING
NU530.48 4 x 10 mm

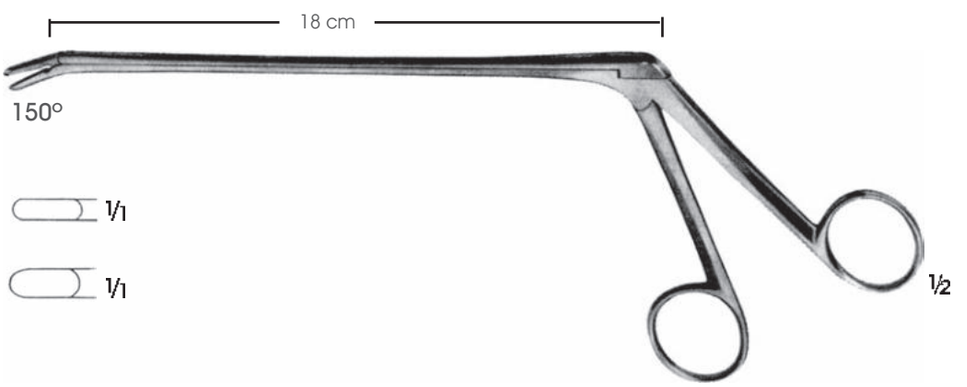


LOVE-GRUENWALD
NU530.49 3 x 10 mm

SPURLING
NU530.50 4 x 10 mm

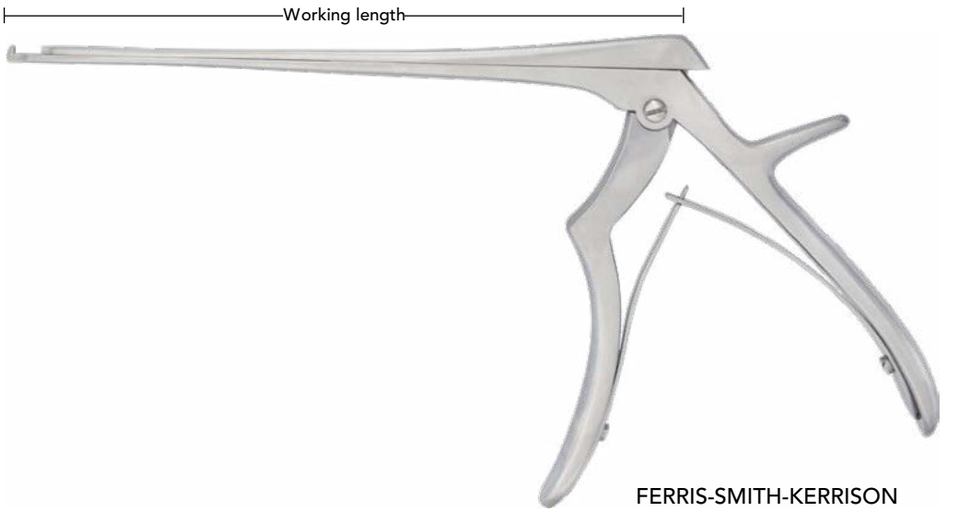
CUSHING
NU1000.86 1,5 x 10 mm

Üst çene hareketli
Upper part of jaw movable

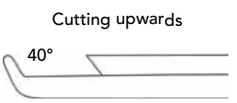


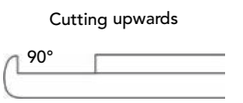
LOVE-GRUENWALD
NU530.51 3 x 10 mm

SPURLING
NU530.52 4 x 10 mm

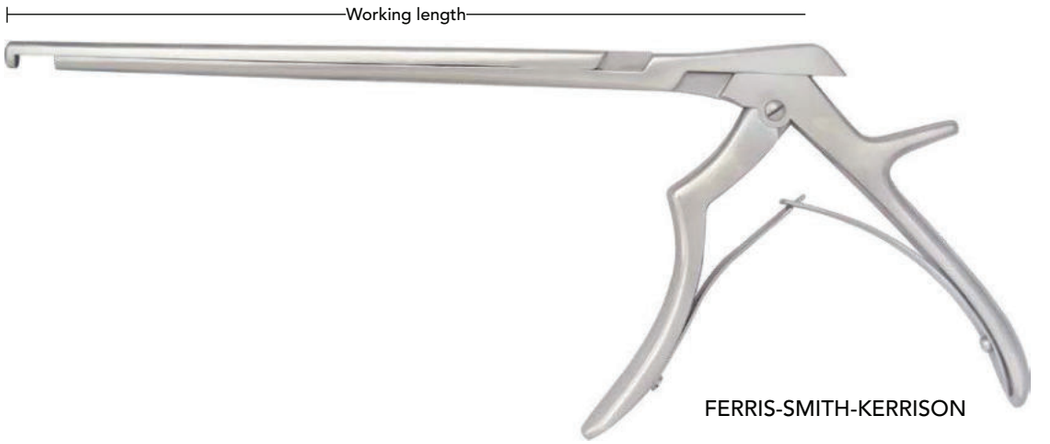


FERRIS-SMITH-KERRISON





	Working length	Standard 40°	Detachable / Eject. 40°	TC FINE 40°	Black Coated 40°	Standard 90°	Detachable / Eject. 90°	Black Coated 90°
1 mm	18 cm/7″	NU978.01	NU978.01DT	NU978.01TC	NU478.01	NU978.02	NU978.02DT	NU478.02
	20 cm/7¾″	NU978.03	NU978.03DT	NU978.03TC	NU478.03	NU978.04	NU978.04DT	NU478.04
	23 cm/9″	NU978.05	NU978.05DT		NU478.05	NU978.06	NU978.06DT	NU478.06
	28 cm/11″	NU978.07	NU978.07DT		NU478.07	NU978.08	NU978.08DT	NU478.08
2 mm	18 cm/7″	NU978.09	NU978.09DT	NU978.09TC	NU478.09	NU978.10	NU978.10DT	NU478.10
	20 cm/7¾″	NU978.11	NU978.11DT	NU978.11TC	NU478.11	NU978.12	NU978.12DT	NU478.12
	23 cm/9″	NU978.13	NU978.13DT	NU978.13TC	NU478.13	NU978.14	NU978.14DT	NU478.14
	28 cm/11″	NU978.15	NU978.15DT		NU478.15	NU978.16	NU978.16DT	NU478.16
3 mm	18 cm/7″	NU978.17	NU978.17DTE	NU978.17TC	NU478.17	NU978.18	NU978.18DTE	NU478.18
	20 cm/7¾″	NU978.19	NU978.19DTE	NU978.19TC	NU478.19	NU978.20	NU978.20DT	NU478.20
	23 cm/9″	NU978.21	NU978.21DTE	NU978.21TC	NU478.21	NU978.22	NU978.22DTE	NU478.22
	28 cm/11″	NU978.23	NU978.23DT		NU478.23	NU978.24	NU978.24DT	NU478.24
4 mm	18 cm/7″	NU978.25	NU978.25DTE	NU978.25TC	NU478.25	NU978.26	NU978.26DTE	NU978.26
	20 cm/7¾″	NU978.27	NU978.27DTE	NU978.27TC	NU478.27	NU978.28	NU978.28DT	NU978.28
	23 cm/9″	NU978.29	NU978.29DTE	NU978.29TC	NU478.29	NU978.30	NU978.30DTE	NU978.30
	28 cm/11″	NU978.31	NU978.31DT		NU478.31	NU978.32	NU978.32DT	NU978.32
5 mm	18 cm/7″	NU978.33	NU978.33DTE	NU978.33TC	NU478.33	NU978.34	NU978.34DTE	NU478.34
	20 cm/7¾″	NU978.35	NU978.35DTE	NU978.35TC	NU478.35	NU978.36	NU978.36DT	NU478.36
	23 cm/9″	NU978.37	NU978.37DTE	NU978.37TC	NU478.37	NU978.38	NU978.38DTE	NU478.38
	28 cm/11″	NU978.39	NU978.39DT		NU478.39	NU978.40	NU978.40DT	NU478.40
6 mm	18 cm/7″	NU978.41	NU978.41DTE		NU478.41	NU978.42	NU978.42DTE	NU478.42
	20 cm/7¾″	NU978.43	NU978.43DTE		NU478.43	NU978.44	NU978.44DT	NU478.44
	23 cm/9″	NU978.45	NU978.45DT		NU478.45	NU978.46	NU978.46DT	NU478.46
	28 cm/11″	NU978.47	NU978.47DT		NU478.47	NU978.48	NU978.48DT	NU478.48



FERRIS-SMITH-KERRISON



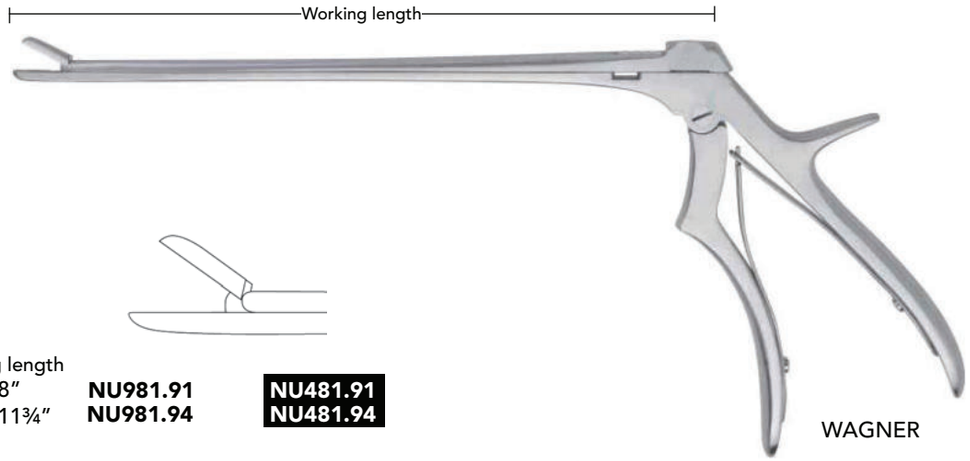


	Working length	40°	40°	90°	90°
1 mm	18 cm/7″	**NU.978.50**	**NU478.50**	**NU.978.51**	**NU478.51**
	20 cm/7¾″	**NU.978.52**	**NU478.52**	**NU.978.53**	**NU478.53**
	23 cm/9″	**NU.978.54**	**NU478.54**	**NU.978.55**	**NU478.55**
2 mm	18 cm/7″	**NU978.56**	**NU478.56**	**NU978.57**	**NU478.57**
	20 cm/7¾″	**NU978.58**	**NU478.58**	**NU978.59**	**NU478.59**
	23 cm/9″	**NU978.60**	**NU478.60**	**NU978.61**	**NU478.61**
3 mm	18 cm/7″	**NU978.62**	**NU478.62**	**NU978.63**	**NU478.63**
	20 cm/7¾″	**NU978.64**	**NU478.64**	**NU978.65**	**NU478.65**
	23 cm/9″	**NU978.66**	**NU478.66**	**NU978.67**	**NU478.67**
4 mm	18 cm/7″	**NU978.68**	**NU478.68**	**NU978.69**	**NU478.69**
	20 cm/7¾″	**NU978.70**	**NU478.70**	**NU978.71**	**NU478.71**
	23 cm/9″	**NU978.72**	**NU478.72**	**NU978.73**	**NU478.73**
5 mm	18 cm/7″	**NU978.74**	**NU478.64**	**NU978.75**	**NU478.75**
	20 cm/7¾″	**NU978.76**	**NU478.76**	**NU978.77**	**NU478.77**
	23 cm/9″	**NU978.78**	**NU478.78**	**NU978.79**	**NU478.79**
6 mm	18 cm/7″	**NU978.80**	**NU478.80**	**NU978.81**	**NU478.81**
	20 cm/7¾″	**NU978.82**	**NU478.82**	**NU978.83**	**NU478.83**
	23 cm/9″	**NU978.84**	**NU478.84**	**NU978.85**	**NU478.85**

Curved upwards

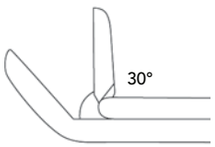


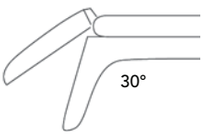
2 mm	20 cm/7¾″	**NU1000.84**
3 mm	20 cm/7¾″	**NU1000.85**



WAGNER

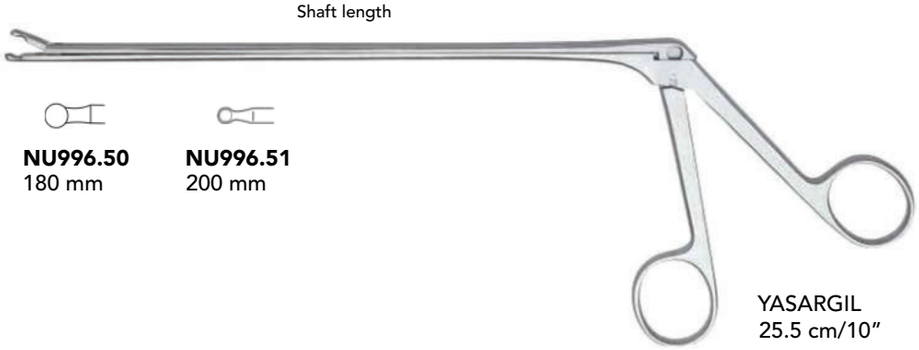
3 mm	Working length 20 cm/8″ 30 cm/11¾″	**NU981.91** **NU981.94**	**NU481.91** **NU481.94**				
4 mm	Working length 20 cm/8″ 30 cm/11¾″	**NU981.92** **NU981.95**	**NU481.92** **NU481.95**				
5 mm	Working length 15 cm/6″ 18 cm/7″	**NU981.93** **NU981.96**	**NU481.93** **NU481.96**	**NU981.84** **NU981.85**	**NU481.84** **NU481.85**	**NU981.86** **NU981.87**	**NU481.86** **NU481.87**







LANDOLT
NU996.27
27 cm/10¾″



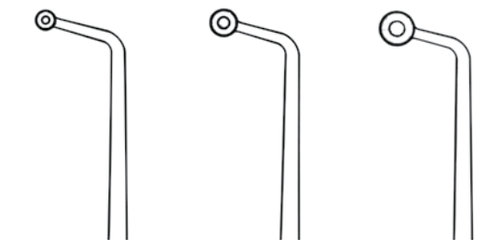
NU996.50
180 mm

NU996.51
200 mm

YASARGIL
25.5 cm/10″



Jaw spoon-shaped



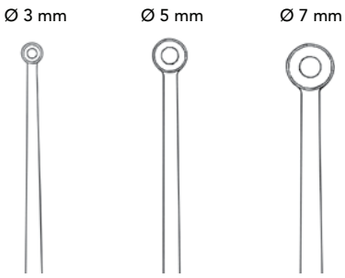
Jaw spoon-shaped



YASARGIL-SAMII

23 cm/9"	**MT852.01**	**MT852.02**	**MT852.03**	**MT853.01**	**MT853.02**	**MT853.03**

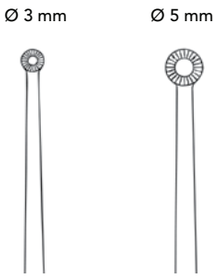
Jaw spoon-shaped



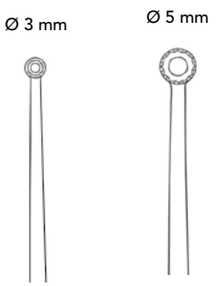
YASARGIL

22 cm/8¾"	**MT863.22**	**MT865.22**	**MT867.22**
24 cm/9½"	**MT863.24**	**MT865.24**	**MT867.24**

Jaw flat, serrated



Curette jaw, toothed



YASARGIL

20 cm/8"	**MT871.20**	**MT872.20**		
22 cm/8¾"	**MT871.22**	**MT872.22**	**MT873.22**	**MT875.22**



YASARGIL



16 cm/6¼"	**MT856.16**	**MT859.16**	
18 cm/7"	**MT856.18**	**MT859.18**	**MT860.18**
20 cm/8"	**MT856.20**	**MT859.20**	
22 cm/8¾"	**MT856.22**	**MT859.22**	
24 cm/9½"	**MT856.24**	**MT859.24**	



HUNT
20 cm/8"

Jaw flat, serrated



MT890.20



MT891.20

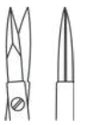


VERITY
GT1000.10
Ø 0.5 mm
22 cm/8¾"

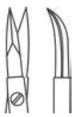




MS850.03A



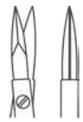
MS850.01



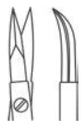
MS850.02

VANNAS
12 cm/4¾"





MS850.04



MS850.05A

VANNAS
16 cm/6¼"





MS850.10



MS850.11A

MILLESI
16 cm/6¼"





MS850.15

JACOBSON
18.5 cm/7¼"



YASARGIL

Adventitia Blades

Curved upwards

Curved downwards







16 cm/6¼"	**MS850.16B**	**MS851.16**	
20 cm/8"	**MS850.20**	**MS851.20**	**MS853.20A**
22.5 cm/9"	**MS850.22B**	**MS851.22**	
24.5 cm/9¾"		**MS851.24**	

Dissection Blades

Curved upwards





20 cm/8"	**MS854.20**	**MS855.20**
22.5 cm/9"	**MS854.22A**	**MS855.22**



TITANIUM

RHOTON
21,5cm straight **NU1000.69**
21,5cm curved **NU1000.70**



CASPAR
NU850.60
11.5 cm/4½"

FAHLBUSCH
NU850.50
16.5 cm/6½"

Micro Needle Holders

Micro Needle Holders



MN850.20A
20 cm/8"

MN851.20A
20 cm/8"



MN850.22
22.5 cm/9"

MN851.22
22.5 cm/9"



YASARGIL



HUDSON Set with tray
OP1000.01



JACOBSON
18 cm/7"

MN852.18A
without catch



JACOBSON
18 cm/7"



MN854.18
with catch



OP1000.02
RANEY



OP546.02
Sadece matkap kolu
Brace only

HUDSON
OP546.00
Komple/Complete
OP546.01,OP546.02,OP546.05,
OP546.06, OP546.07, OP546.08,
OP546.12



HUDSON
OP546.01
Sadece uzatma parçası
Extension piece only



CUSHING
OP546.03
Ø 10 mm

CUSHING
OP546.04
Ø 15 mm

CUSHING
OP546.05
Ø 14 mm

McKENZIE
OP546.06
Ø 13 mm

HUDSON
OP546.07
Ø 14 mm

HUDSON
OP546.08
Ø 16 mm

ADSON
OP546.09
Ø 15 mm

HUDSON
OP546.10
Ø 22 mm

HUDSON
OP546.11
Ø 9 mm

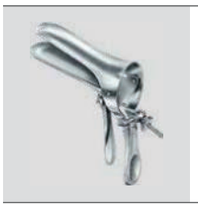
OP546.12
Ø 2 mm

inside ed

GYNECOLOGY
UROLOGY

Instruments - for Female & Male



GY  Gynecology

GO  Obstetrics

UU  Urology



CUSCO

GY110.01	75 x 32 mm
GY110.02	85 x 37 mm
GY110.03	100 x 35 mm
GY114.01	90 x 22 mm
GY114.02	100 x 25 mm
GY114.03	105 x 27 mm



CUSCO

GY112.01	75 x 18 mm



SEYFFERT

GY1000.04	100 x 17 mm
GY1000.05	100 x 33 mm
GY1000.06	110 x 33 mm (one side det.) 23 cm



CUSCO

GY116.01	75 x 34 mm
GY116.02	85 x 37 mm
GY116.03	100 x 37 mm



PEDERSON

GY128.01	75 x 13 mm
GY128.02	100 x 24 mm
GY128.03	120 x 28 mm



GRAVE

GY130.01	75 x 20 mm
GY130.02	95 x 35 mm
GY130.03	115 x 35 mm



COLLIN
GY120.01 S
53 x 10 mm



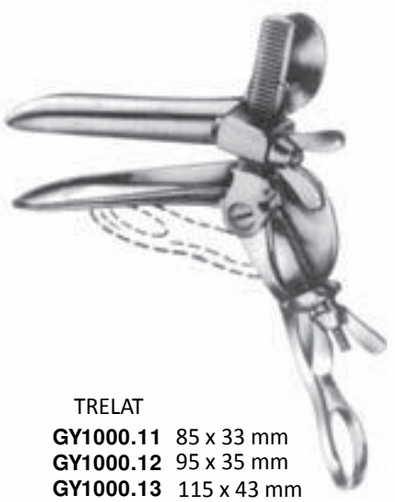
COLLIN

GY120.00	95/85 x 18 mm
GY120.01	85 x 30 mm
GY120.02	100 x 35 mm
GY120.03	110 x 40 mm



SEMM

GY132.01	100 x 20-25 mm
GY132.02	100 x 27-35 mm



TRELAT

GY1000.11 85 x 33 mm
GY1000.12 95 x 35 mm
GY1000.13 115 x 43 mm



KRISTELLER

GY182.01	70 x 27 mm	Fig. 1
GY182.02	80 x 30 mm	Fig. 2
GY182.03	90 x 36 mm	Fig. 3



KRISTELLER

GY183.01	70 x 23 mm	Fig. 1
GY183.02	85 x 26 mm	Fig. 2
GY183.03	100 x 32 mm	Fig. 3



KRISTELLER

GY185.01	Fig. 1 **(GY182.01), (GY183.01)**
GY185.02	Fig. 2 **(GY182.02), (GY183.02)**
GY185.03	Fig. 3 **(GY182.03), (GY183.03)**



KRISTELLER

GY190.01	105 x 18 mm	Fig. 1
GY190.02	110 x 21 mm	Fig. 2



KRISTELLER

GY191.01	110 x 14 mm	Fig. 1
GY191.02	115 x 17 mm	Fig. 2



KRISTELLER

GY195.01	Fig. 1 **(GY190.01), (GY191.01)**
GY195.02	Fig. 2 **(GY190.02), (GY191.02)**



flat speculum

KRISTELLER

GY196.01	105 x 26 mm	Fig. 1
GY196.02	105 x 28 mm	Fig. 2
GY196.03	105 x 33 mm	Fig. 3



flat speculum

KRISTELLER

GY197.01	115 x 22 mm	Fig. 1
GY197.02	115 x 24 mm	Fig. 2
GY197.03	115 x 29 mm	Fig. 3



flat speculum

KRISTELLER

GY199.01	Fig. 1 **(GY196.01), (GY197.01)**
GY199.02	Fig. 2 **(GY196.02), (GY197.02)**
GY199.03	Fig. 3 **(GY196.03), (GY197.03)**



deep speculum

KRISTELLER

GY202.01	110 x 28 mm	Fig. 1
GY202.02	110 x 30 mm	Fig. 2
GY202.03	110 x 36 mm	Fig. 3



deep speculum

KRISTELLER

GY203.01	115 x 23 mm	Fig. 1
GY203.02	115 x 26 mm	Fig. 2
GY203.03	115 x 32 mm	Fig. 3



deep speculum

KRISTELLER

GY205.01	Fig. 1 **(GY202.01), (GY203.01)**
GY205.02	Fig. 2 **(GY202.02), (GY203.02)**
GY205.03	Fig. 3 **(GY202.03), (GY203.03)**



KALLMORGEN

GY232.01	70 x 40 mm	Fig. 1
GY232.02	90 x 40 mm	Fig. 2



KALLMORGEN

GY233.01	70 x 37 mm	Fig. 1
GY233.02	90 x 37 mm	Fig. 2



KALLMORGEN

GY235.01	Fig. 1 **(GY232.01), (GY232.01)**
GY235.02	Fig. 2 **(GY232.02), (GY232.02)**



SIMS

GY160.01	65 x 25 / 70 x 30 mm
GY160.02	65 x 25 / 80 x 35 mm
GY160.03	65 x 25 / 90 x 40 mm



JACKSON

GY165.01	75 x 38 mm
GY165.02	90 x 38 mm
GY165.03	100 x 38 mm



75 x 43 mm

GY310.22
23.5 cm/9¼"

complete, with detachable weight

GY310.90

Weight only

AUVARD



DOYEN

GY249.01	58 x 35 mm
GY249.02	88 x 35 mm
GY249.03	118 x 35 mm
GY250.01	60 x 47 mm
GY250.02	78 x 47 mm
GY250.03	120 x 47 mm
GY250.04	165 x 47 mm
GY251.01	55 x 60 mm
GY251.02	85 x 60 mm
GY251.03	115 x 60 mm



BREISKY

GY323.20	100 x 20 mm	29.5 cm/11½"
GY323.25	100 x 25 mm	29.5 cm/11½"
GY323.30	100 x 30 mm	29.5 cm/11½"
GY323.35	100 x 35 mm	29.5 cm/11½"
GY.323.40	100 x 40 mm	29.5 cm/11½"
GY324.20	130 x 20 mm	32.0 cm/12¾"
GY324.25	130 x 25 mm	32.0 cm/12¾"
GY324.30	130 x 30 mm	32.0 cm/12¾"
GY324.35	130 x 35 mm	32.0 cm/12¾"
GY324.40	130 x 40 mm	32.0 cm/12¾"
GY325.40	160 x 40 mm	35.0 cm/14"
GY326.40	180 x 40 mm	35.0 cm/14"

70 x 30 mm



DOYEN
GY342.24
25 cm/10" 70X30 mm
GY342.24S
23 cm/9" 60X30 mm

Endocervical Specula



KOGAN
GY381.24
24.5 cm/9½"



KOGAN
GY383.24
24.5 cm/9½"

Uterine Dilators



GOODELL
GY383.34
34 cm/13½"



HEGAR
18.5 cm/7¼"

	Diameter
GY400.01	Ø 1.0 mm
GY400.02	Ø 2.0 mm
GY400.03	Ø 3.0 mm
GY400.04	Ø 4.0 mm
GY400.05	Ø 5.0 mm
GY400.06	Ø 6.0 mm
GY400.07	Ø 7.0 mm
GY400.08	Ø 8.0 mm
GY400.09	Ø 9.0 mm
GY400.10	Ø 10.0 mm
GY400.11	Ø 11.0 mm
GY400.12	Ø 12.0 mm
GY400.13	Ø 13.0 mm
GY400.14	Ø 14.0 mm
GY400.15	Ø 15.0 mm
GY400.16	Ø 16.0 mm
GY400.17	Ø 17.0 mm
GY400.18	Ø 18.0 mm
GY400.19	Ø 19.0 mm
GY400.20	Ø 20.0 mm
GY400.21	Ø 21.0 mm
GY400.22	Ø 22.0 mm
GY400.23	Ø 23.0 mm
GY400.24	Ø 24.0 mm
GY400.25	Ø 25.0 mm
GY400.26	Ø 26.0 mm

	Diameter
GY401.01	Ø 1.5 mm
GY401.02	Ø 2.5 mm
GY401.03	Ø 3.5 mm
GY401.04	Ø 4.5 mm
GY401.05	Ø 5.5 mm
GY401.06	Ø 6.5 mm
GY401.07	Ø 7.5 mm
GY401.08	Ø 8.5 mm
GY401.09	Ø 9.5 mm
GY401.10	Ø 10.5 mm
GY401.11	Ø 11.5 mm
GY401.12	Ø 12.5 mm
GY401.13	Ø 13.5 mm
GY401.14	Ø 14.5 mm
GY401.15	Ø 15.5 mm
GY401.16	Ø 16.5 mm
GY401.17	Ø 17.5 mm

GY400.80
set of 14 pieces (full sizes) from 4,0 to 17,0 mm without case

GY400.84
set of 14 pieces (full sizes) from 4,0 to 17,0 mm in metal case

GY400.90
set of 26 pieces (full sizes) from 1,0 to 26,0 mm without case

GY400.98
metal case only, for Ø 4-17 mm





HEGAR
20 cm/8"

	Diameter
GY430.02	Ø 1.0 / 2.0 mm
GY430.04	Ø 3.0 / 4.0 mm
GY430.06	Ø 5.0 / 6.0 mm
GY430.08	Ø 7.0 / 8.0 mm
GY430.10	Ø 9.0 / 10 mm
GY430.12	Ø 11 / 12 mm
GY430.14	Ø 13 / 14 mm
GY430.16	Ø 15 / 16 mm
GY430.18	Ø 17 / 18 mm
GY430.20	Ø 19 / 20 mm
GY430.22	Ø 21 / 22 mm
GY430.24	Ø 23 / 24 mm
GY430.26	Ø 25 / 26 mm



GY430.82 (Set of 8)
(Ø 3.0 / 4.0 to 17.0 / 18.0 mm)
in canvas roll

GY430.80 (Set of 8)
(Ø 3.0 / 4.0 to Ø 17.0 / 18.0 mm)
without canvas rool

GY430.86 (Set of 13)
(Ø 1.0 / 2.0 to Ø 25 / 26 mm)
with canvas rool

American scale



HANK
26.5 cm/10½"

	Diameter	Fig
GY460.10	Ø 4.5 / 5.0 mm	9 / 10
GY460.12	Ø 5.5 / 6.0 mm	11 / 12
GY460.14	Ø 6.5 / 7.0 mm	13 / 14
GY460.16	Ø 7.5 / 8.0 mm	15 / 16
GY460.18	Ø 8.5 / 9.0 mm	17 / 18
GY460.20	Ø 9.5 / 10 mm	19 / 20



GY460.82
set of 6 Pices in boilable canvas roll

Ø 3 mm
malleable



SIMS
GY584.32S
30 cm

Ø 4 mm
rigid



SIMS
GY583.32
33 cm/13″

Ø 4 mm
malleable



SIMS
GY584.32
33 cm/13″

Ø 4 mm



VALLEIX
GY593.25
27 cm/10½″

Uterine Depressor



BRAUN
GY596.26
27 cm/10½″



POZZI
GY1000.32
25 cm/10"

SCHROEDER
GY622.25
25 cm/10"

BRAUN
GY628.25
25 cm/10 "

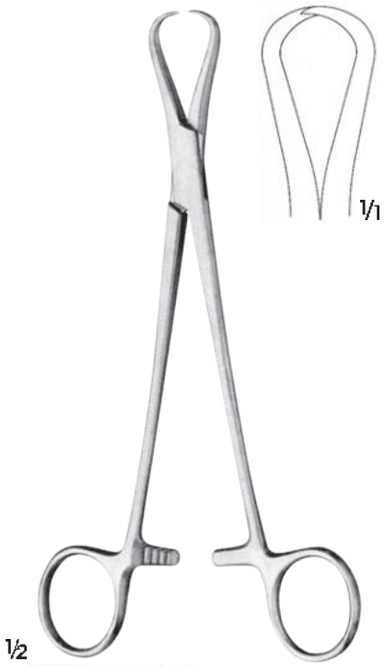
DUPLAY
GY645.28
28 cm/11"

BEACHAM
GY659.26
26 cm/10¼"





POZZI
GY1000.02
17.5 cm



ADAIR
GY1000.08
19 cm



SCHROEDER
GY682.24
25 cm/9½" STRAIGHT
GY683.24
25 cm/9½" CURVED



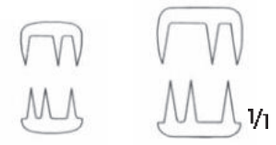
SKENE
GY663.24
24 cm/9½"



TEALE
GY697.23
23 cm/9"



IOWA
GY699.26
26 cm/10"



GY1000.09 **GY1000.10**
26 cm



MUSEUX
GY1000.24
20 cm



GY702.24
7 mm

GY704.24
9 mm

GY706.24
10 mm



MUSEUX
24 cm/9½"



GY734.26
26.5 cm/10½"



CZERNY
GY740.21
21 cm/8¼"



BRAUN
GY738.16
16 cm/6¼"





JACOBS
GY728.21
21 cm/8¼"

KELLY
GY741.32
31.5 cm/12¾"

NOTO
GY744.27
27 cm/10½"

HEYWOOD-SMITH
GY745.25
26 cm/10¼"
GY1000.01
20 cm/8"



DARTIGUES
GY773.27
27 cm/10½"



SOMER
GY779.23
22.5 cm/9"



COLLIN
GY793.25
26 cm/10¼"



COLLIN
GY1000.00
28,5 cm



Myoma Screws

Ø 15 mm



DOYEN
GY758.17
17 cm/6¾"

Ø 25 mm



DOYEN
GY760.17
15 cm/6"

Conization Knife



AYRE
GY801.23
23.5 cm/9¼"

EMMETT
GY804.03
23 cm/9"

SIMON
GY806.22
21.5 cm/8½"

SIMON
GY808.22
21.5 cm/8½"

Myoma Knife



SEGOND
GY762.27
28 cm/11"



RANDALL
GY1000.18
Biyopsi küreti
Biopsy curette
24 cm

Suction Curettes

Ø 4 mm



NOVAK
GY825.23
24.5 cm/9½"



KEVORKIAN
GY827.30
30 cm/11¾"



GY1000.15



GY1000.16



SCHUMACHER
GY1000.15-GY1000.16
24 cm



GELLHORN
GY841.23
24 cm/9½"

FAURE
GY843.21
21 cm/8¼"



SCHUBERT

GY846.21	21.5 cm/8½"
GY846.28	28.0 cm/11"



THOMS-GAYLOR

GY851.22	21 cm/8¼"
GY851.24	24.0 cm/9"



SCHUBERT
GY853.26
24 cm/9½"



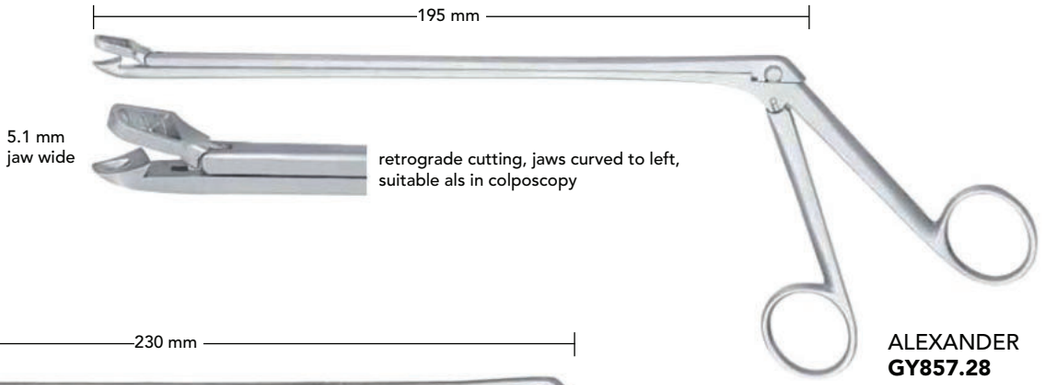
SCHULZE
GY1000.14
37.5 cm

SCHULZE
GY100.14 Komple/Complete

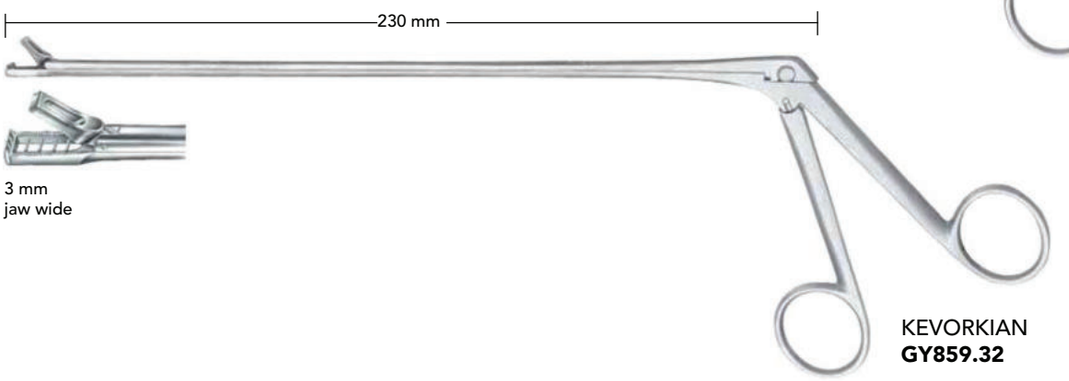


VAN DOREN
GY855.24
27 cm/10½"

VAN DOREN
GY855.25
25.5 cm/10"



ALEXANDER
GY857.28

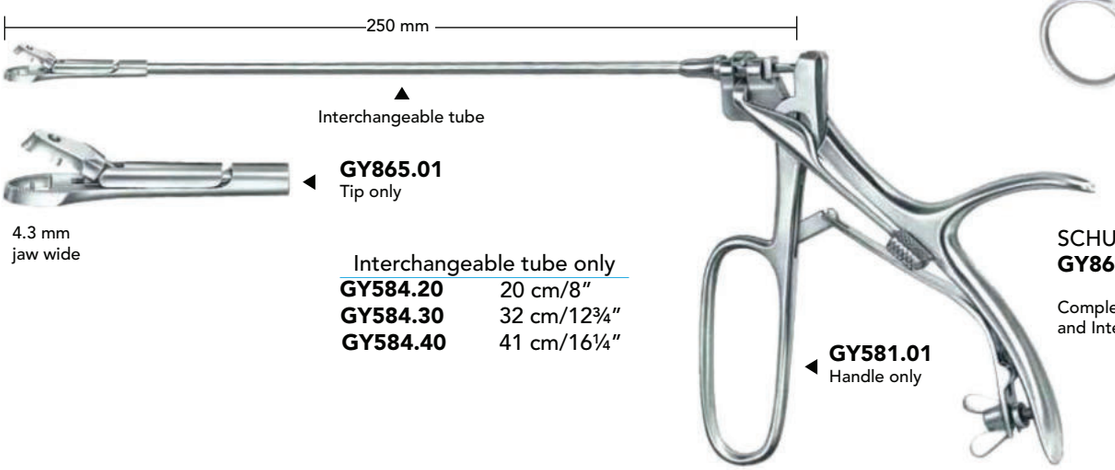


KEVORKIAN
GY859.32



GY861.02 A

SCHUMACHER
GY861.02



GY865.01
Tip only

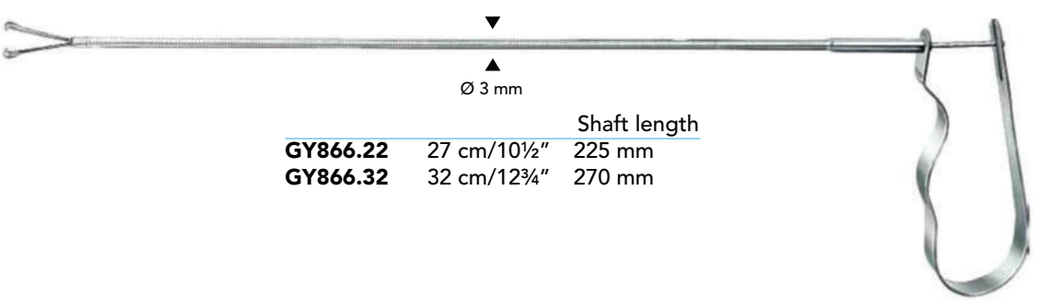
Interchangeable tube only

GY584.20	20 cm/8″
GY584.30	32 cm/12¾″
GY584.40	41 cm/16¼″

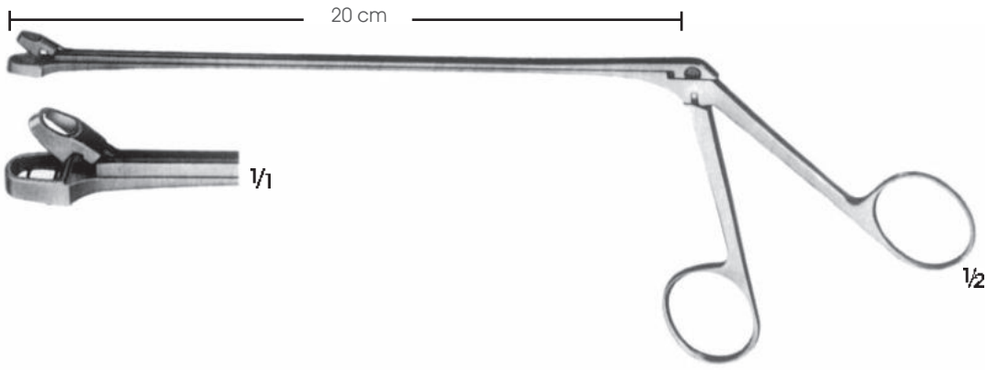
GY581.01
Handle only

SCHUMACHER
GY865.00

Complete, with handle, tip
and Interchangeable tube



		Shaft length
GY866.22	27 cm/10½″	225 mm
GY866.32	32 cm/12¾″	270 mm



EPPENDORF
GY1000.33



SIMON
23.5 cm/9¼"

Fig. 1	**GY900.01**	10 x 7 mm
Fig. 2	**GY900.02**	12 x 8 mm
Fig. 3	**GY900.03**	13 x 10 mm
Fig. 4	**GY900.04**	16 x 12 mm
Fig. 5	**GY900.05**	18 x 13 mm
Fig. 6	**GY900.06**	20 x 15 mm

SIMON
24 cm/9½"

GY906.01	10 x 7 mm
GY906.02	12 x 8 mm
GY906.03	13 x 10 mm
GY906.04	16 x 12 mm
GY906.05	18 x 13 mm
GY906.06	20 x 15 mm



BLAKE
GY919.00
27.5 cm/10¾"



GREENE
28 cm/11"

GY924.10	10 mm
GY924.12	12 mm
GY924.14	14 mm

Suction Curettes



GY989.50
11 cm/4¼"

29 cm/11¾"

GY989.03	Ø 3.0 mm
GY989.04	Ø 4.5 mm
GY989.06	Ø 6.0 mm
GY989.08	Ø 8.0 mm
GY989.10	Ø 10 mm
GY989.12	Ø 12 mm
GY989.14	Ø 14 mm

RECAMIER

Fig.	Tip width	Sharp, rigid	Sharp, malleable
00	5 mm	**GY920.05**	**GY921.05**
0	6 mm	**GY920.06**	**GY921.06**
1	7 mm	**GY920.07**	**GY921.07**
2	8 mm	**GY920.08**	**GY921.08**
3	9 mm	**GY920.09**	**GY921.09**
4	11 mm	**GY920.11**	**GY921.11**
5	12 mm	**GY920.12**	**GY921.12**
6	14 mm	**GY920.14**	**GY921.14**
7	15 mm	**GY920.15**	**GY921.15**
8	16 mm	**GY920.16**	**GY921.16**
9	19 mm	**GY920.19**	**GY921.18**
10	20 mm	**GY920.20**	**GY921.20**
11	21 mm	**GY920.21**	**GY921.21**
12	23 mm	**GY920.23**	**GY921.23**
13	25 mm	**GY920.25**	**GY921.25**
14	30 mm	**GY920.30**	**GY921.30**
15	35 mm	**GY920.35**	**GY921.35**
16	40 mm	**GY920.40**	**GY921.40**

SIMS

Fig.	Tip width	Blunt, rigid	Blunt, malleable
00	5 mm	**GY926.05**	**GY927.05**
0	6 mm	**GY926.06**	**GY927.06**
1	7 mm	**GY926.07**	**GY927.07**
2	8 mm	**GY926.08**	**GY927.08**
3	9 mm	**GY926.09**	**GY927.09**
4	11 mm	**GY926.11**	**GY927.11**
5	12 mm	**GY926.12**	**GY927.12**
6	14 mm	**GY926.14**	**GY927.14**
7	15 mm	**GY926.15**	**GY927.15**
8	16 mm	**GY926.16**	**GY927.16**
9	19 mm	**GY926.19**	**GY927.19**
10	20 mm	**GY926.20**	**GY927.20**
11	21 mm	**GY926.21**	**GY927.21**
12	23 mm	**GY926.23**	**GY927.23**
13	25 mm	**GY926.25**	**GY927.25**
14	30 mm	**GY926.30**	**GY927.30**
15	35 mm	**GY926.35**	**GY927.35**
16	40 mm	**GY926.40**	**GY927.40**

sharp, rigid



RECAMIER
GY920.05-
GY920.40

sharp, malleable



RECAMIER
GY921.05-
GY921.40

blunt, rigid



SIMS
GY926.05-
GY926.40

blunt, malleable



SIMS
GY927.05-
GY927.40



BUMM
GY1000.25-
GY1000.31



SCHRÖDER
30 cm/12”



GY1000.37
10 mm
Fig. 3



GY1000.36
8.5 mm
Fig. 2



GY1000.35
6.8 mm
Fig. 1

BUMM

Fig.	Tip width	Blunt, malleable
0	16 mm	**GY1000.25**
1	18 mm	**GY1000.26**
2	19,5 mm	**GY1000.27**
3	21,5 mm	**GY1000.28**
4	23,5 mm	**GY1000.29**
5	26 mm	**GY1000.30**
6	28,5 mm	**GY1000.31**



NAEGELE
36.5 cm/14½" **GO141.36**
40.5 cm/16¼" **GO141.40**



MC.LEAN
GY1000.17
36 cm/14¼"



SIMPSON
GO145.30
30.5 cm/12"



WRIGLEY
GO146.28
28 cm/11"



SIMPSON
GO149.36
36.5 cm/14¾"



KIELLAND
GO195.41
41 cm/16½"



KIELLAND-LUIKART
GO197.40
40 cm/16"



PIPER
GO198.44
44.5 cm/17¾"

Pelvimeter



GO103.34
35 cm/14"

Obstetrical Lever



SELLHEIM
GO309.28
32 cm/12¾"

Umbilical Clamps



COLLIN
GO465.09
8.5 cm/3½"



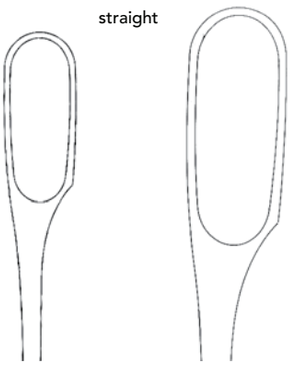
blunt, backside serrated

CUZZI
30 cm/12″ **GO382.01**
30 cm/12″ **GO382.02**
30 cm/12″ **GO382.03**



PESTALOZZA
GO386.30
30.5 cm/12″

straight



GO344.01 **GO344.02**

Uterine Clamp



GREEN-ARMYTAGE
GO300.21
21 cm/8¼″

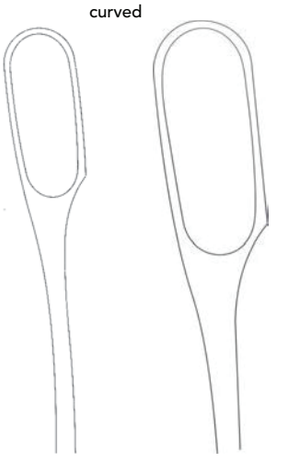


SAENGER
27.5 cm/10¾″
GO228.27 Straight
GO229.27 Curved



WINTER
28 cm/11″

curved



GO344.03 **GO344.04**

inside ed

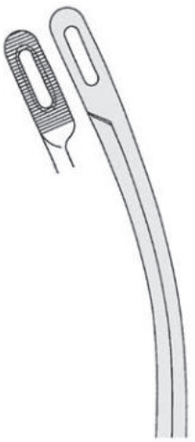
UU

UROLOGY

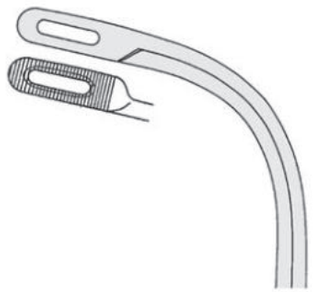




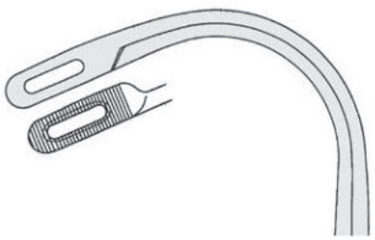
RANDALL



UU101.23
23 cm/9″



UU103.22
21 cm/8¼″



UU105.22
19 cm/7½″

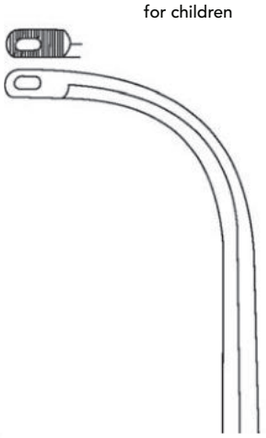


UU107.22
18.5 cm/7¼″



HEIMING

for children



UU113.16
16 cm/6¼″



UU113.17
17 cm/6¾″



BLAKE

Straight	**UU204.20**	21 cm/8¼″
Curved	**UU205.20**	20.5 cm/8″



MAYO-BLAKE
UU214.20
21 cm/8¼″



MAYO-BLAKE
UU215.20
21 cm/8¼″

Malleable Shaft

Ø 1 mm
UU170.01
Fig. 1

Ø 2 mm
UU170.02
Fig. 2

Ø 3 mm
UU170.03
Fig. 3

Ø 4 mm
UU170.04
Fig. 4



Ø 5 mm
UU170.05
Fig. 5

Ø 6 mm
UU170.06
Fig. 6

Ø 7 mm
UU170.07
Fig. 7

Ø 8 mm
UU170.08
Fig. 8

Ø 9 mm
UU170.09
Fig. 9

Ø 10 mm
UU170.10
Fig. 10

Ø 11 mm
UU170.11
Fig. 11

Ø 12 mm
UU170.12
Fig. 12

Ø 13 mm
UU170.13
Fig. 13

BAKES
32 cm/12¾"

Malleable Shaft



Ø 2.7 mm
UU340.01
Fig. 000

Ø 3.4 mm
UU340.02
Fig. 00

Ø 4.3 mm
UU340.03
Fig. 0

Ø 5.5 mm
UU340.04
Fig. 1

Ø 6.6 mm
UU340.05
Fig. 2

Ø 8.0 mm
UU340.06
Fig. 3

Ø 11 mm
UU340.07
Fig. 4

Ø 15 mm
UU340.08
Fig. 5

LUER-KOERTE
32 cm/12¾"



MIXTER
UU217.22
22 cm/8½"





UU223.23
Fig. 1



UU225.23
Fig. 2

DESJARDINS
23 cm/9"



DESJARDINS
UU226.25
22.5 cm/8¾"



MILLIN
UU451.24
24.5 cm/9¾"



MILLIN
UU453.24
22.5 cm/8¾"

Ligature Carrying Forceps



MILLIN
UU461.24
24 cm/9"

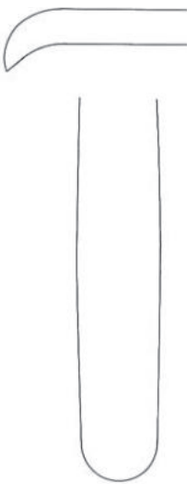


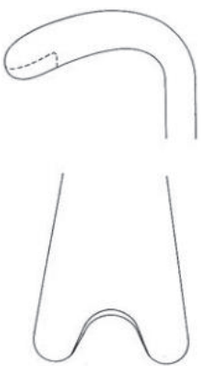
MILLIN
UU461.23
24.5 cm/9¾"

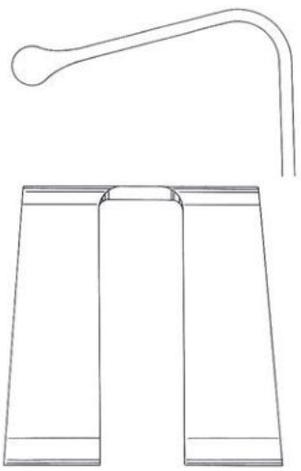
Ligature Carrying Forceps

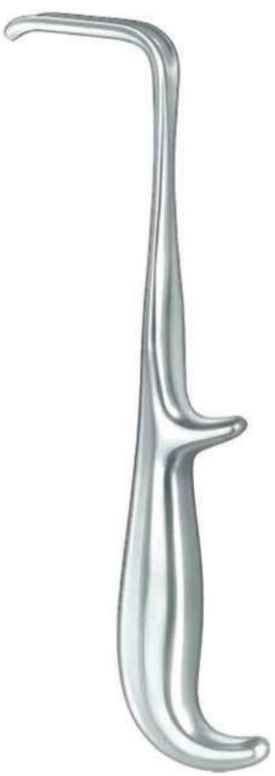


MILLIN
UU463.22
22 cm/8¾"









YOUNG
UU401.21
22 cm/8¾"



YOUNG
UU405.21
22 cm/8¾"



YOUNG
UU407.22
23 cm/9"



JUDD-MASSON
UU510.00



UU512.90
57 x 25 mm

lateral blades only

UU512.91
80 x 25 mm

lateral blades only

UU512.92
120 x 45 mm

center blade only
without F.O tube

MILLIN
UU512.00

complete, with 2 pairs of lateral blades
and 1 central blade without F.O tube



Bladder Neck
Spreader

MILLIN
UU475.00
29.5 cm/11½"



STOCKMANN
UU875.08
8 cm/3"

Penis Clamps



UU881.90

1 pair of flexible
tubes only

STRAUSS
UU881.11
11 cm/4¼"

UU.599.00

Complete Set,
8 - 36 Charr.

Charr.	VAN BUREN
8	**UU599.08**
10	**UU599.10**
12	**UU599.12**
14	**UU599.14**
16	**UU599.16**
18	**UU599.18**
20	**UU599.20**
22	**UU599.22**
24	**UU599.24**
26	**UU599.26**
28	**UU599.28**
30	**UU599.30**
32	**UU599.32**
34	**UU599.34**
36	**UU599.36**



VAN BUREN
27 cm/10¾"

with eye

Charr.	GUYON
10	**UU607.10**
11	**UU607.11**
12	**UU607.12**
13	**UU607.13**
14	**UU607.14**
15	**UU607.15**
16	**UU607.16**
17	**UU607.17**
18	**UU607.18**
19	**UU607.19**
20	**UU607.20**
21	**UU607.21**
22	**UU607.22**
23	**UU607.23**
24	**UU607.24**
25	**UU607.25**
26	**UU607.26**
27	**UU607.27**
28	**UU607.28**
29	**UU607.29**
30	**UU607.30**



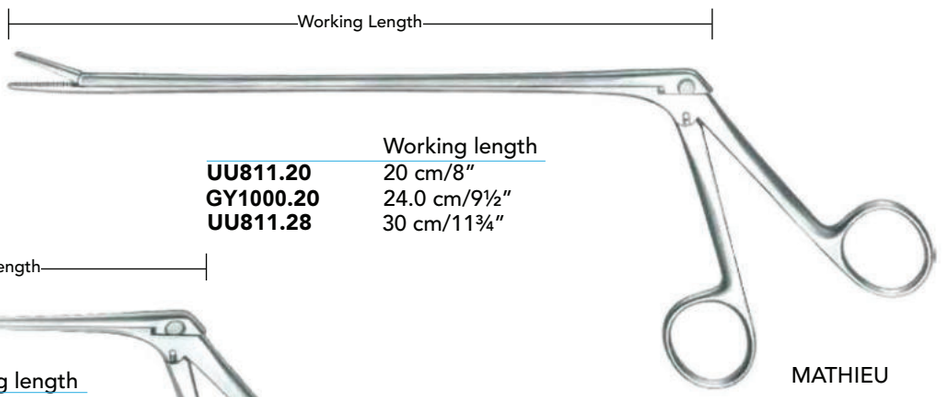
GUYON
26.5 cm/10½"

Metal Catheters,
for females

Charr.	
6	**UU1000.31**
7	**UU1000.32**
8	**UU1000.33**
9	**UU1000.34**
10	**UU1000.35**
11	**UU1000.36**
12	**UU1000.37**
13	**UU1000.38**
14	**UU721.12**
15	**UU1000.39**
16	**UU721.14**
18	**UU1000.40**
20	**UU1000.41**

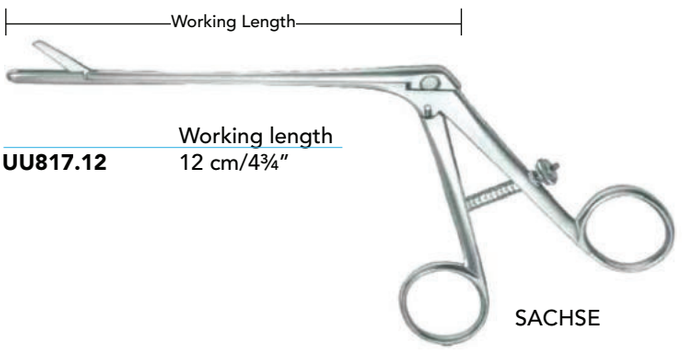


15 cm/6"



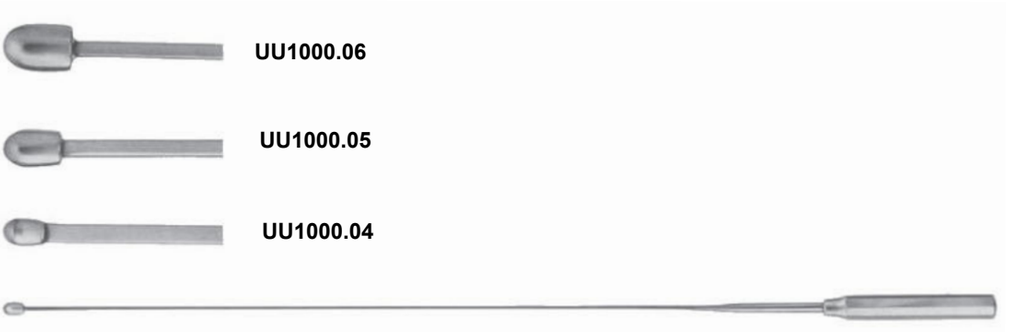
	Working length
UU811.20	20 cm/8"
GY1000.20	24.0 cm/9½"
UU811.28	30 cm/11¾"

MATHIEU



	Working length
UU817.12	12 cm/4¾"

SACHSE



DESJARDINS

Safra kanalı sondaları, esneyebilir
Gall duct probes, flexible
28.5 cm



	Charr. (French)
UU1000.07	8
UU1000.08	9
UU1000.09	10
UU1000.10	11
UU1000.11	12
UU1000.12	13
UU1000.13	14
UU1000.14	15
UU1000.15	16
UU1000.16	17
UU1000.17	18
UU1000.18	19
UU1000.19	20
UU1000.20	21
UU1000.21	22
UU1000.22	23
UU1000.23	24
UU100024	25
UU1000.25	26
UU1000.26	27
UU1000.27	28
UU1000.28	29
UU1000.29	30

DITTEL
UU1000.07 -UU1000.29
Metal buji ve dilatasyon sondaları
Metal bougies and dilating sounds
34.5 cm



GUYON
UU1000.30
Kateter klavuz
Catheter guide
36.5 cm



UU1000.31
Kateter için uygulayıcı
Introducer for catheters
46 cm

insided

GI

UROLOGY
INTESTINES
STOMACH
RECTUM



4:5

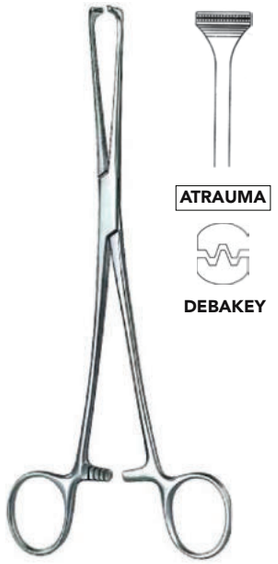


ALLIS-BABY
GI130.12
13 cm/5″



ALLIS

15.5 cm/6″	4:5	**GI132.15**
15.5 cm/6″	5:6	**GI134.15**
19.0 cm/7½″	5:6	**GI134.19**
25.5 cm/10″	5:6	**GI134.25**



ATRAUMA

DEBAKEY

ALLIS

15.5 cm/6″	**GI136.16**
20.0 cm/8″	**GI136.20**
22.0 cm/8¾″	**GI136.22**
24.5 cm/9¾″	**GI136.25**
30 cm/11¾″	**GI136.30**

11:12



ALLIS-ADAIR
GI138.15
16 cm/6¼″

5:6



BOYS-ALLIS
GI142.15
15.5 cm/6″

3:4



JUDD-ALLIS

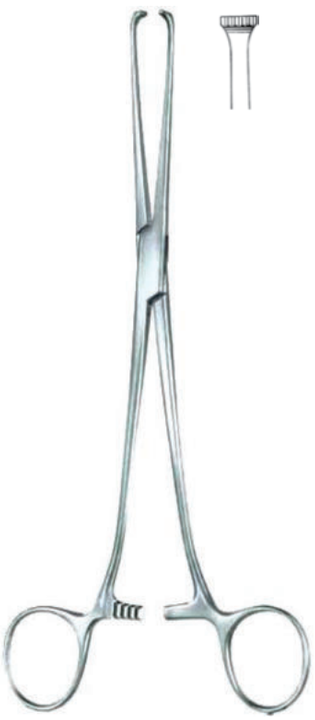
15.5 cm/6″	**GI148.15**
19.0 cm/7½″	**GI148.19**

6:7



THOMS-ALLIS
GI150.20
20.5 cm/8″

5:6



ALLIS
GI154.20
20 cm/8″



LOCKWOOD
GI170.20
20 cm/8″



LOCKWOOD-ALLIS

15 cm	**GI1000.00**
20 cm	**GI1000.01**



WILLIAMS
GI186.16
16.5 cm/6½″



BABCOCK

15.5 cm/6″	**GI192.16**
17.5 cm/7″	**GI192.18**
21.0 cm/8¼″	**GI192.20**
24.0 cm/9½″	**GI192.24**

ATRAUMA



DEBAKEY

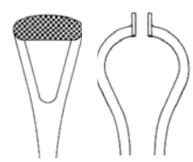


BABCOCK
GI196.16
16 cm/6¼″



BABCOCK
GI196.20
21 cm/8¼″





TC Jaws

BABCOCK

16.5 cm/6½″	**GI190.16**
21.0 cm/8¼″	**GI190.20**



DUVAL

	13 mm	25 mm
18.0 cm/7"	**GI210.18**	
20.5 cm/8"	**GI210.20**	**GI212.20**
23 cm/9"		**GI212.23**



DUVAL
GI206.20
20.5 cm/8"

Organ grasping forceps



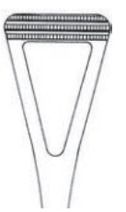
SCHEIBE

narrow



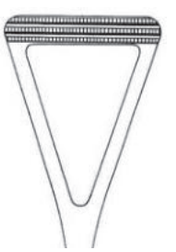
GI540.18
18 cm/7"

medium

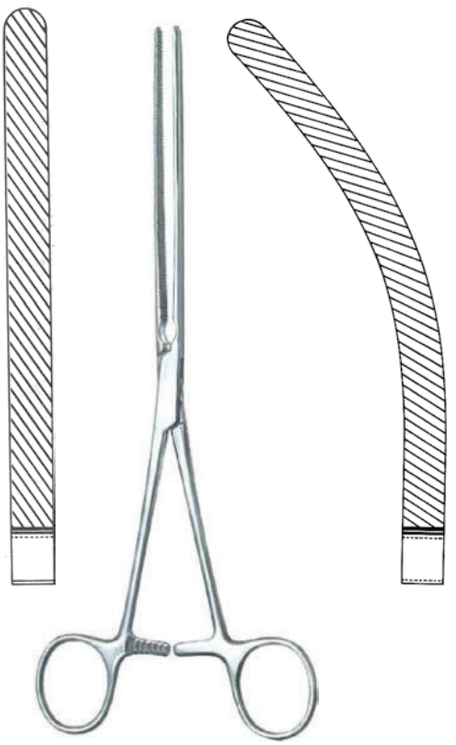


GI540.20
20.5 cm/8"

wide



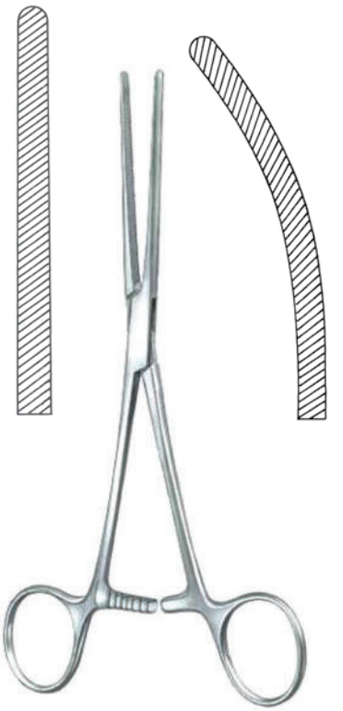
GI540.23
23 cm/9"



Diagonal serrations

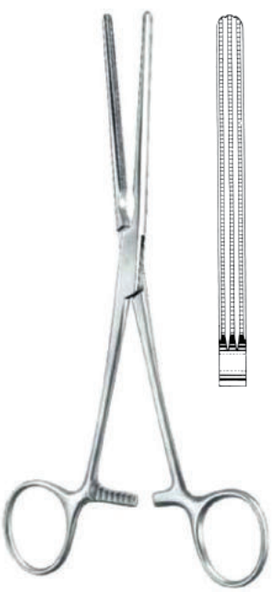
DOYEN

21.5 cm/8½"	Straight	**GI274.21**
21.0 cm/8¼"	Curved	**GI275.21**
23.5 cm/9¼"	Straight	**GI274.23**
23.0 cm/9"	Curved	**GI275.23**



DOYEN-BABY

18.0 cm/7"	Straight	**GI276.18**
17.5 cm/6¾"	Curved	**GI277.18**



DOYEN

14.0 cm/5½"	**GI550.13**
17.5 cm/7"	**GI550.16**
18.5 cm/7¼"	**GI550.18**
21.5 cm/8½"	**GI550.21**
23.5 cm/9¼"	**GI550.23**

ATRAUMA



DEBAKEY



DOYEN

13.5 cm/5¼"	**GI551.13**
17.0 cm/5½"	**GI551.16**
18.0 cm/7"	**GI551.18**
21.0 cm/8¼"	**GI551.21**
23.0 cm/9"	**GI551.23**

Longitudinal serrations

1:2



ALLEN

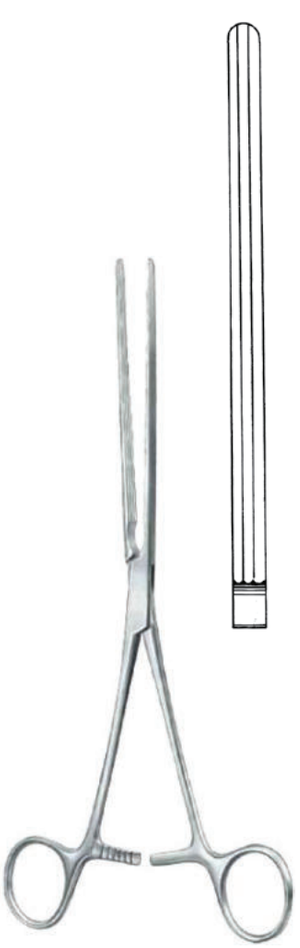
GI398.16

16 cm/6¼"

Longitudinal serrations

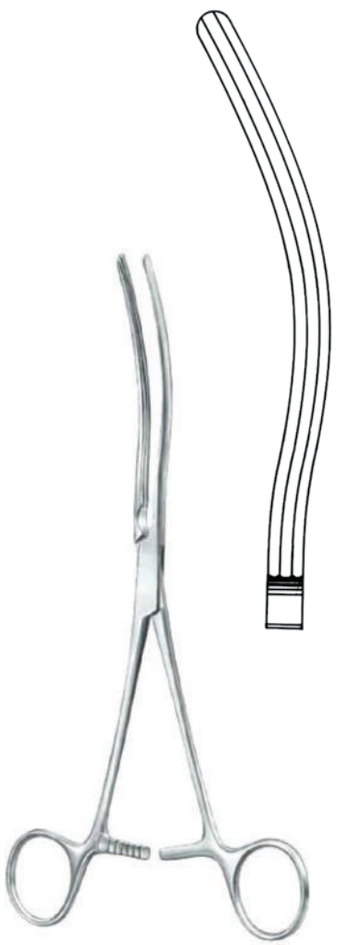
ATRAUMA

DEBAKEY



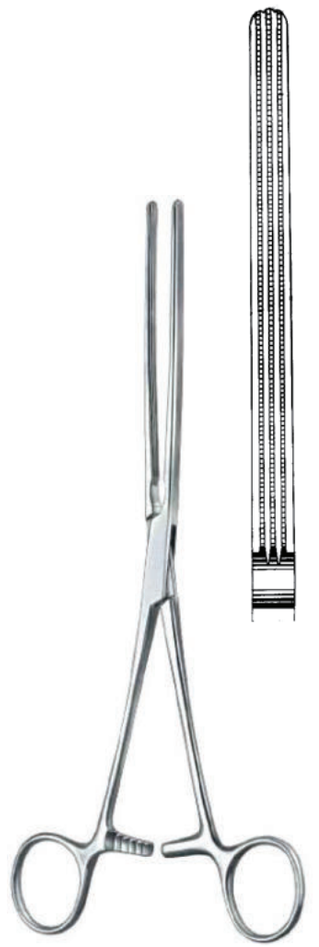
KOCHER

22.5 cm/8½"	**GI304.22**
25.0 cm/9¾"	**GI304.25**
28.0 cm/11"	**GI304.28**



KOCHER

22.0 cm/8¾"	**GI305.22**
24.5 cm/9¾"	**GI305.25**
27.5 cm/10¾"	**GI305.28**



KOCHER

22.5 cm/8½"	**GI560.22**
25.0 cm/9¾"	**GI560.25**
28.0 cm/11"	**GI560.28**



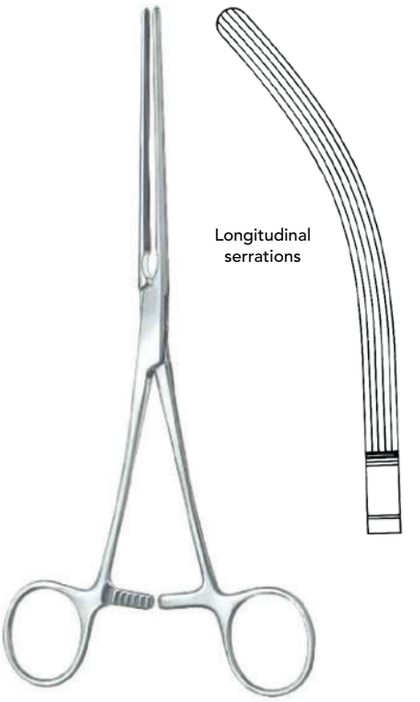
KOCHER

22.5 cm/8½"	**GI561.22**
25.0 cm/9¾"	**GI561.25**
28.0 cm/11"	**GI561.28**



BURKE Parametrium

25.0 cm	Curved	**GH1775.00**
35.0 cm	Curved	**GH1775.01**



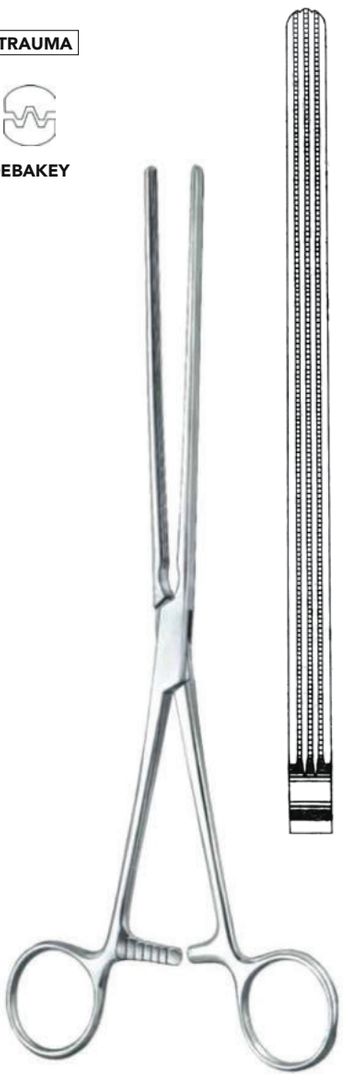
MAYO-ROBSON

21.5 cm/8½"	Straight	**GI286.21**
21.0 cm/8¼"	Curved	**GI287.21**
23.5 cm/9¼"	Straight	**GI286.23**
23.0 cm/9"	Curved	**GI287.23**

ATRAUMA



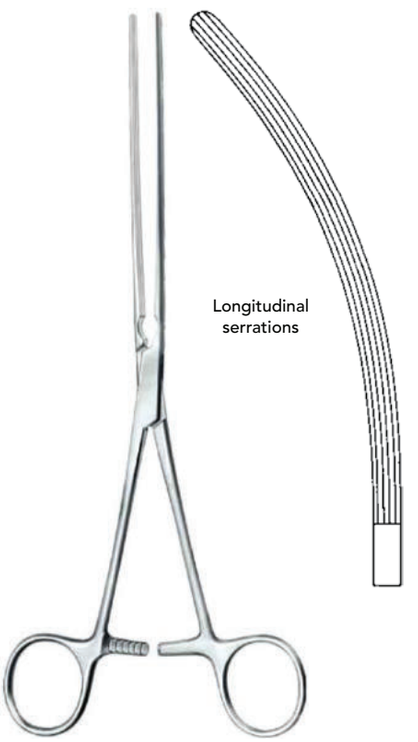
DEBAKEY



MAYO-ROBSON
GI554.25
26 cm/10¼"



MAYO-ROBSON
GI555.25
25 cm/9¾"



MAYO-ROBSON

25.5 cm/10"	Straight	**GI288.25**
24.5 cm/9¾"	Curved	**GI289.25**



LANE
GI534.30
30 cm/11¾"

LANE
GI535.30
30 cm/11¾"

Closing forceps for
GI.520.07 - GI.520.10



STONE-WATT
GI524.15
16 cm/6¼"

Pylorus spreader



BENSON
GI519.16
15.5 cm/6¼"



STONE-WATT

8.5 cm/3¼"	**GI520.07**
11 cm/4¼"	**GI520.10**

Locking device



STONE-WATT
GI522.00



DE MARTEL-WOLFSON

W/Length	
60 mm	**GI496.05**
80 mm	**GI496.07**
110 mm	**GI496.10**

with pin



PAYR

21 cm/8¼"	**GI419.21**
29 cm/11½"	**GI425.29**
34 cm/13½"	**GI433.35**

Closing forceps for
GI.496.05 - GI.596.10



DE MARTEL-WOLFSON
GI497.26
27 cm/10½"

Intestinal & pylorus clamps

Clamp holder for
GI.496.05 - GI.596.10



DE MARTEL-WOLFSON
GI498.08
9.5 cm/3¾"

DE MARTEL-WOLFSON
GI498.23
23 cm/9"

with pin



PAYR-BABY
GI415.15
15 cm/6"

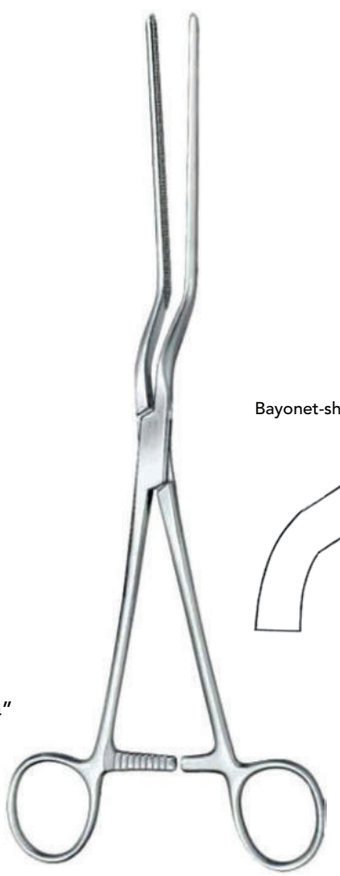
ATRAUMA

DEBAKEY

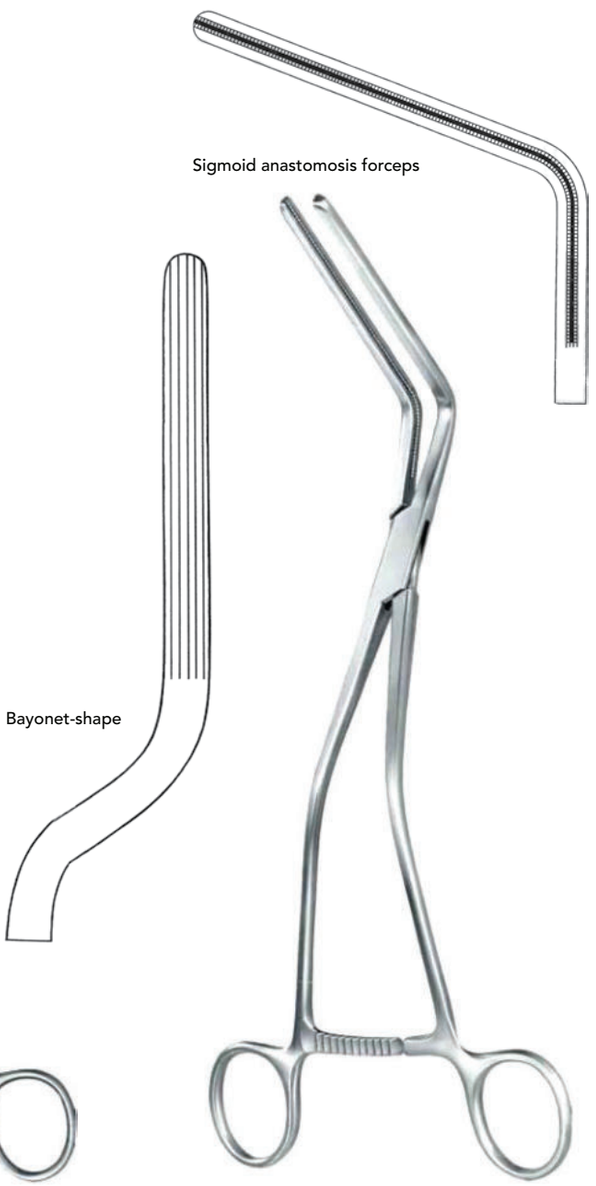


GI571.33
32.5 cm/12¾"

SCUDDER
GI570.33
33.5 cm/13½"



BRUNNER
GI580.24
27 cm/10¾"



HAYES

27.0 cm/10½"	**GI581.26**
28.0 cm/11"	**GI581.28**

ATRAUMA

DEBAKEY



VEIDENHEIMER
GI583.23
25 cm/9¾"

FEHLAND
GI585.24
24 cm/9½"

RESANO
GI587.30
28 cm/11"



CZERNY
GI610.21
22.5 cm/8¾”



SIMS
GI613.15
15.5 cm/6”



SIMS
GI615.15
15.5 cm/6”



PRATT
GI624.20
20 cm/8”

Rectal spreaders, amnioscope



IVES-FANSLER
GI641.15
Ø 22 mm

Sphincteroscopes



KELLY
Ø 21 mm **GI649.01**
Ø 27 mm **GI649.02**



MATHIEU
UU1000.01
21.5 cm



GI647.95
Central Blade Only

ALAN-PARKS
GI647.00
14 cm/5½"



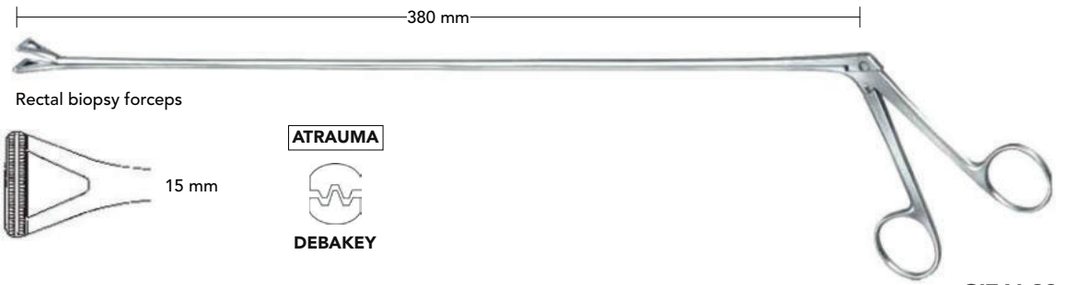
	Pair of	
75 mm	Lateral Blades	**GI647.93**
95 mm	Lateral Blades	**GI647.94**



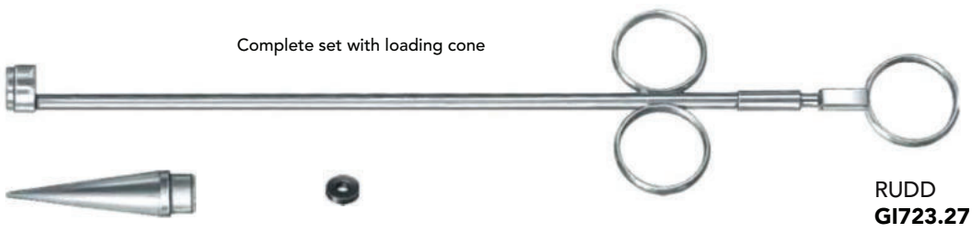
GI647.92
Wing Nut Only

GI647.51
Fiber Optic Light Carrier Only

ALAN-PARKS
GI647.50
14 cm/5½"



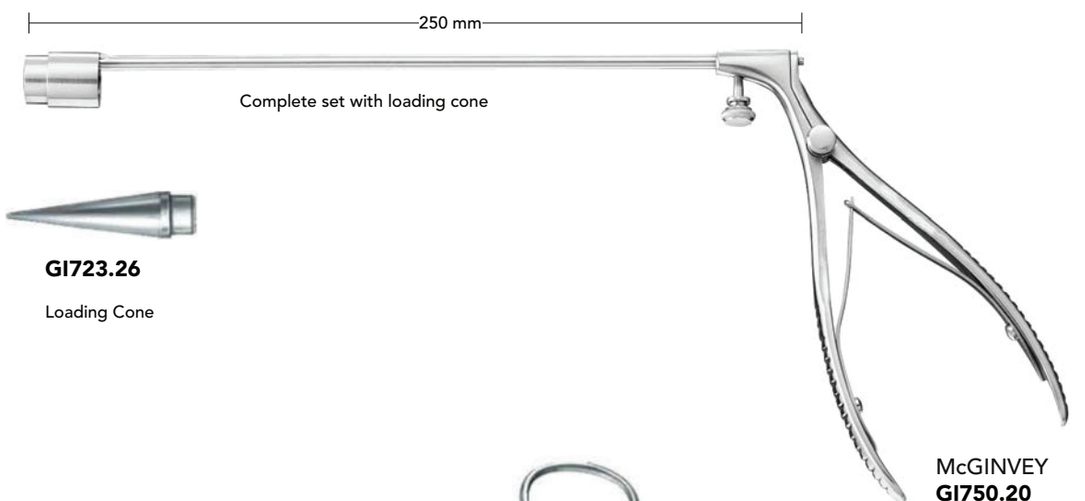
GI741.38
38 cm/15″



RUDD
GI723.27
27.5 cm/10¾″

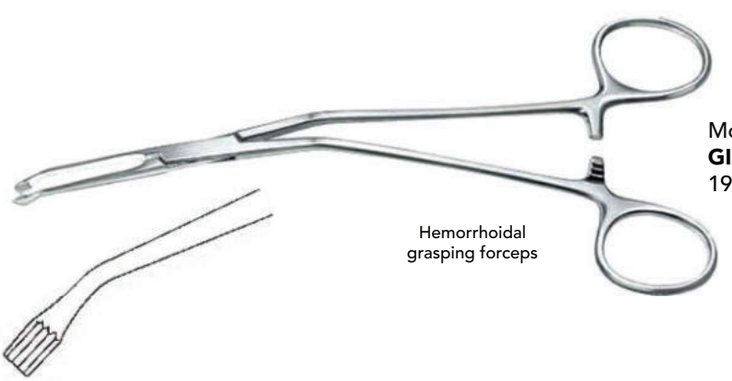
GI723.26
Loading Cone

GI723.10
Rubber Ring, pack of 100 pieces



GI723.26
Loading Cone

McGINVEY
GI750.20



McGINVEY
GI724.19
19.5 cm/7¾″

inside ed

Cardio Thoracic & Vascular Surgery



ATRAUMA

DEBAKEY



DEBAKEY

	Jaw Length	
8 cm/3¼"	30 mm	**CV392.07**
9 cm/3½"	40 mm	**CV392.08**
10.5 cm/4¼"	55 mm	**CV392.10**
12.5 cm/5"	75 mm	**CV392.12**



DEBAKEY

	Jaw Length	
8 cm/3¼"	25 mm	**CV393.07**
8.5 cm/3¼"	35 mm	**CV393.08**
9.5 cm/3¾"	50 mm	**CV393.10**
11.5 cm/4½"	65 mm	**CV393.12**

Applying forceps for bulldog clamps



CV395.24
24 cm/9½"



GLOVER

	Jaw Length	
7 cm/2¾"	30 mm	**CV398.06**
8 cm/3"	40 mm	**CV398.07**
9.5 cm/3¾"	50 mm	**CV398.09**
11 cm/4¼"	70 mm	**CV398.11**



GLOVER

	Jaw Length	
6.5 cm/2½"	25 mm	**CV399.06**
7.5 cm/3"	35 mm	**CV399.07**
9.0 cm/3½"	45 mm	**CV399.09**
10.5 cm/4"	65 mm	**CV399.11**

ATRAUMA

DEBAKEY



DEBAKEY-SATINSKY
CV291.07
7 cm/2¾"



DEBAKEY-SATINSKY
CV291.09
9 cm/3½"



DEBAKEY-SATINSKY
CV291.10
10 cm/4"



GLOVER
CV293.06
6.5 cm/2½"



SANTULLI
CV295.07
7 cm/2¾"

Carotid clamps





CV297.09
9 cm/3½"

CV297.11
11 cm/4¼"



GREGORY



GREGORY

Carotid clamps



CV299.01
11 cm/4¼"

CV299.02
11 cm/4¼"

Left



Right



CV394.01
9.5 cm/3¾"

CV394.02
9.5 cm/3¾"

ATRAUMA

DEBAKEY





	1.5 mm	2.0 mm	2.5 mm	3.5 mm
16 cm/6¼"	**CV386.16**	**CV388.16**	**CV384.16**	**CV390.16**
20 cm/8"	**CV386.20**	**CV388.20**	**CV384.20**	**CV390.20**
25 cm/9¾"	**CV386.25**	**CV388.25**	**CV384.25**	**CV390.25**
30 cm/11¾"	**CV386.30**	**CV388.30**	**CV384.30**	**CV390.30**

DEBAKEY



DEBAKEY

	1.0 mm	2.7 mm
16 cm/6¼"	**CV1000.11**	**CV1000.15**
20 cm/8"	**CV1000.12**	**CV1000.16**
25 cm/9¾"	**CV1000.13**	**CV1000.17**
30 cm/11¾"	**CV1000.14**	**CV1000.18**



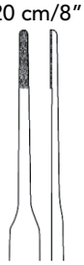
GERALD



1.2 mm
GT285.18 18 cm/7"
GT285.20 20 cm/8"



1 x 0.5 mm
GT286.18
GT286.20



1.0 mm
GT287.18
GT287.20





2.0 mm

DEBAKEY

16 cm/6¼"	**CV389.16**
20 cm/8"	**CV389.20**
25 cm/9¾"	**CV389.24**
30 cm/11¾"	**CV389.30**



2.0 mm

ATRAUMA

COOLEY

16 cm/6¼"	**CV464.16**
20 cm/8"	**CV464.20**



ULTRA-LIGHT

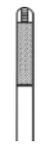
15 cm (1.2)	**CV1000.50**
20 cm (1.5)	**CV1000.51**
24 cm (1.5)	**CV1000.52**
30 cm (1.5)	**CV1000.53**

TC Tip

Mini profile



1.5 mm



2.0 mm



CHITWOOD-DEBAKEY

Normal profile



2.7 mm



3.5 mm

	1.5 mm	2.0 mm	2.7 mm	3.5 mm
16.0 cm/6¼"	**GT270.16**	**GT272.16**	**GT273.16**	**GT274.16**
20.0 cm/8"	**GT270.20**	**GT272.20**	**GT273.20**	**GT274.20**
24.5 cm/9¾"	**GT270.24**	**GT272.24**	**GT273.24**	**GT274.24**

ATRAUMA
DEBAKEY



POTTS

21.5 cm/8½"	**CV434.21**
23.5 cm/9½"	**CV434.23**
27 cm/10¾"	**CV434.27**
31.5 cm/12½"	**CV434.31**



POTTS

21.5 cm/8½"	**CV435.21**
23.5 cm/9½"	**CV435.23**
27 cm/10¾"	**CV435.27**
31.5 cm/12½"	**CV435.31**



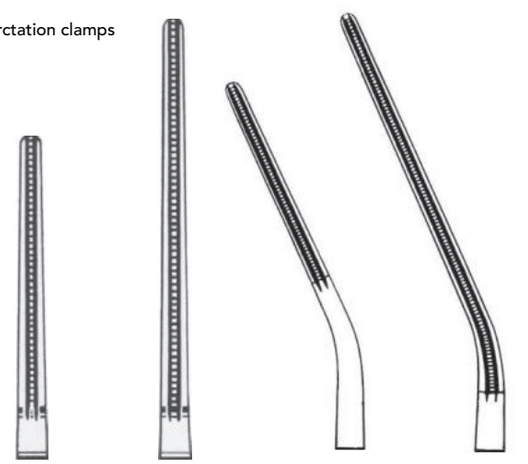
POTTS

20.5 cm/8"	**CV403.21**
22 cm/8¾"	**CV403.22**

Coarctation clamps

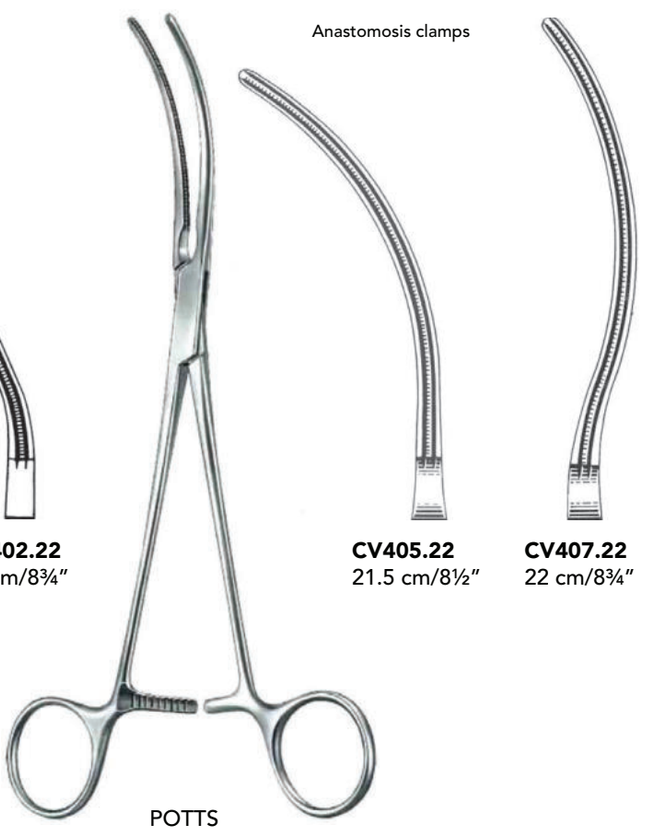


POTTS



CV400.21	**CV400.22**	**CV401.21**	**CV402.22**
21 cm/8¼"	22.5 cm/8¾"	20.5 cm/8"	22 cm/8¾"

Anastomosis clamps



POTTS

CV405.22	**CV407.22**
21.5 cm/8½"	22 cm/8¾"

ATRAUMA

DEBAKEY





CV414.15
15 cm/6″

CV414.18
18.5 cm/7¼″

BAINBRIDGE

Multi purpose vascular clamps





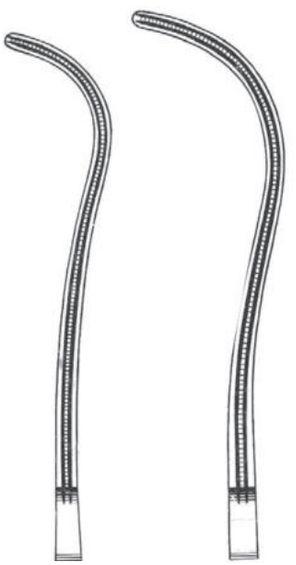
CV415.15
15 cm/6″

CV415.18
18.5 cm/7¼″

BAINBRIDGE

Ligature forceps





CV408.19
19 cm/7½″

CV408.24
24 cm/9½″

DEBAKEY

Multi purpose vascular clamps



DEBAKEY
CV416.20
20 cm/8″

Vascular measuring device



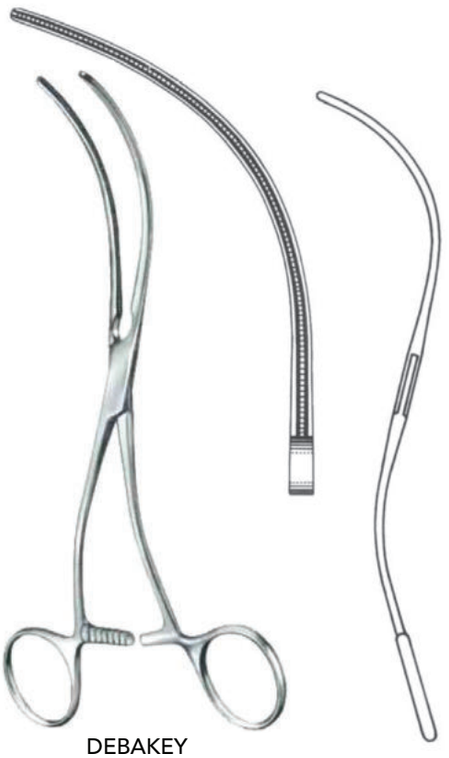
MARTIN
CV349.18
18 cm/7″

ATRAUMA

DEBAKEY



DEBAKEY
CV409.16
16 cm/6¼"



DEBAKEY
CV411.19
19 cm/7½"



DEBAKEY
CV411.20
20 cm/8"

Multi purpose vascular clamps



DEBAKEY
CV447.17
16.5 cm/6½"



DE BAKEY
CV440.17
17.5 cm/7"



DEBAKEY



CV441.16
16.5 cm/6½"

CV443.15
16 cm/6¼"



CV445.15
15 cm/6"

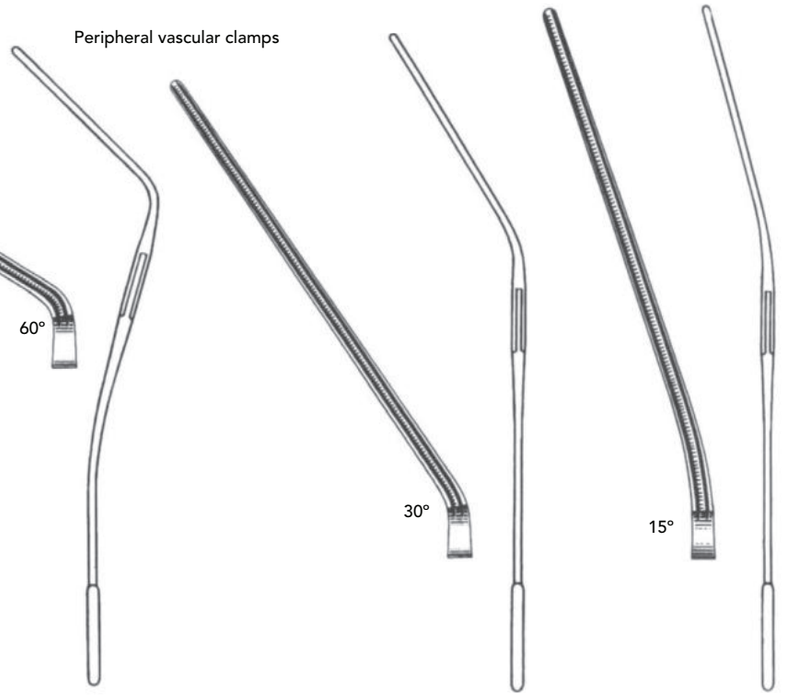
ATRAUMA

DEBAKEY



LELAND-JONES

Peripheral vascular clamps



CV413.18
18 cm/7″

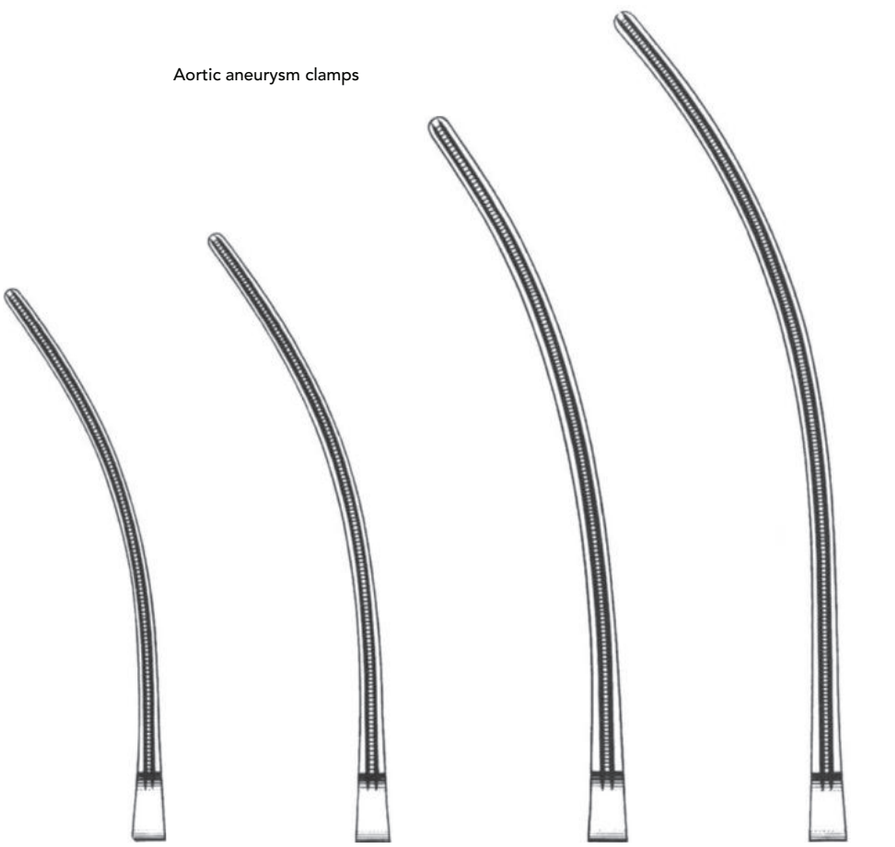
CV413.19
19 cm/7½″

CV413.20
20 cm/8″



DEBAKEY

Aortic aneurysm clamps



CV417.26
26 cm/10¼″

CV417.27
27 cm/10¼″

CV417.31
31 cm/12¼″

CV417.33
33 cm/13″

ATRAUMA

DEBAKEY



Anostomosis Clamp
CV1000.67
13 cm



DEBAKEY
CV418.28
28 cm/11″

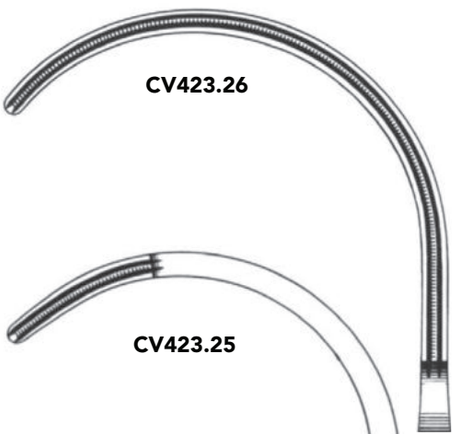


DEBAKEY
CV419.30
30 cm/11¾″

ATRAUMA

DEBAKEY

Aortic Clamps







DEBAKEY
CV421.24
24.5 cm/9¾"



DEBAKEY
CV422.24
24.5 cm/9¾"



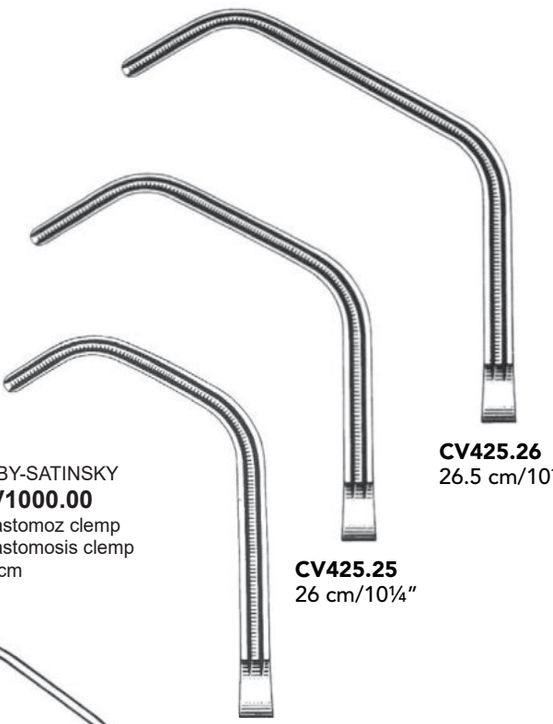
DEBAKEY
27 cm/10¼"

ATRAUMA

DEBAKEY



BABY-SATINSKY
CV1000.00
Anastomoz clemp
Anastomosis clemp
15 cm



CV425.26
26.5 cm/10

CV425.25
26 cm/10¼"

CV425.22
22 cm/8¾"



HARKEN
CV1000.04
Vena-kava klemp/Vena-cava clemp
24 cm



SATINSKY

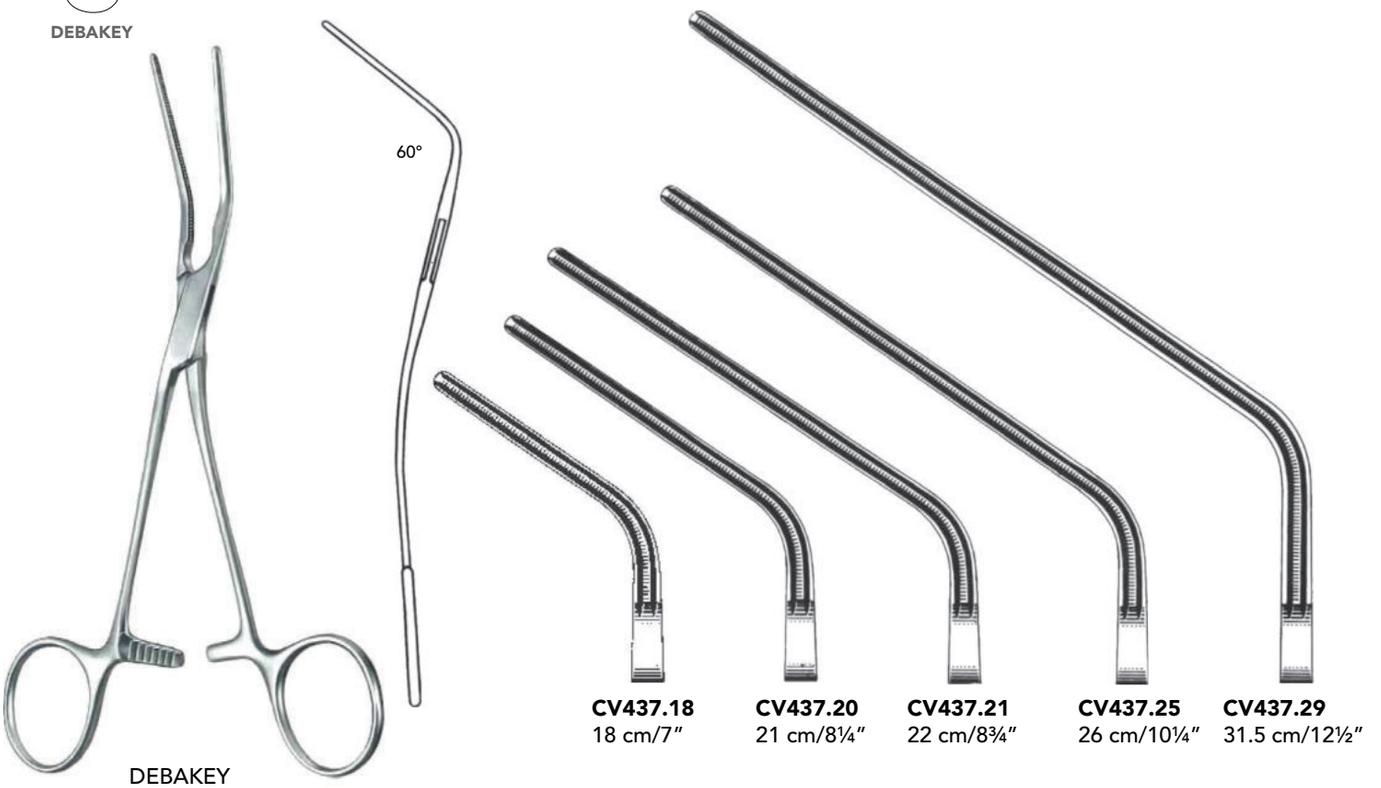


CV425.28
28.5 cm/11¼"

CV425.27
27.5 cm/10¾"

ATRAUMA

DEBAKEY



DEBAKEY

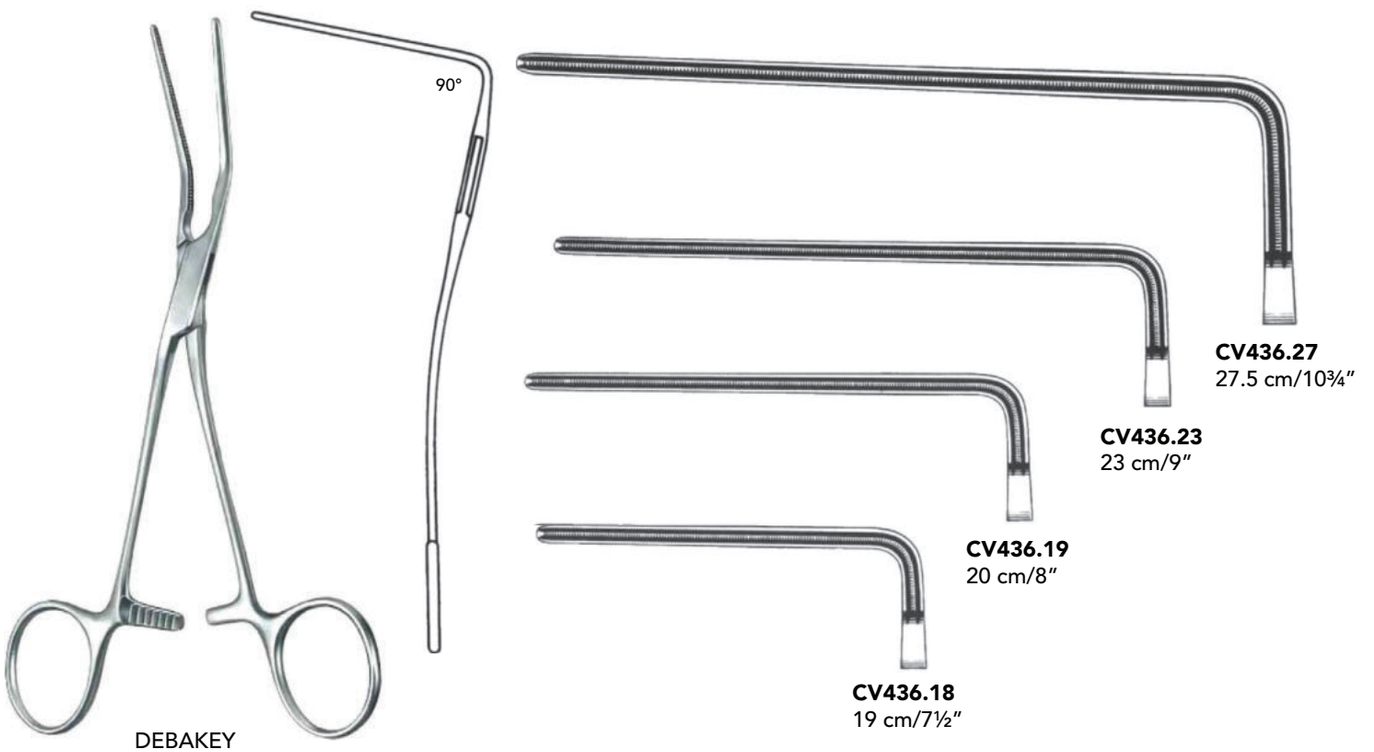
CV437.18
18 cm/7″

CV437.20
21 cm/8¼″

CV437.21
22 cm/8¾″

CV437.25
26 cm/10¼″

CV437.29
31.5 cm/12½″



DEBAKEY

CV436.27
27.5 cm/10¾″

CV436.23
23 cm/9″

CV436.19
20 cm/8″

CV436.18
19 cm/7½″

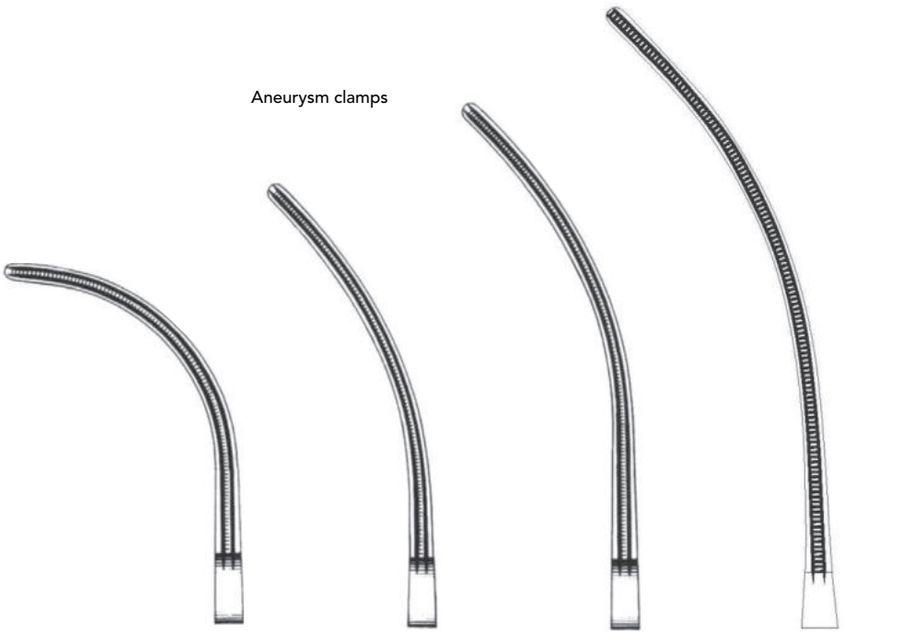
ATRAUMA

DEBAKEY



DEBAKEY-BAHNSON

Aneurysm clamps



CV433.23
23.5 cm/9¼"

CV433.24
24.5 cm/9¾"

CV433.25
25.5 cm/10"

CV433.26
26.5 cm/10½"



DEBAKEY
12.5 cm/5"

CV459.12

CV459.13

Pediatric vascular clamps



DEBAKEY



CV458.10
10 cm/4"



CV458.12
13 cm/5"



CV458.11
13 cm/5"

ATRAUMA

DEBAKEY



DEBAKEY-PEAN



CV438.14
14.5 cm/5¾"



CV438.16
16.5 cm/6½"



CV438.18
18.5 cm/7¼"



CV438.20
20.5 cm/8"



DEBAKEY-PEAN



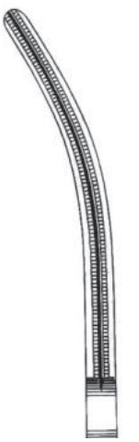
CV439.14
14.5 cm/5¾"



CV439.16
16.5 cm/6½"



CV439.18
18.5 cm/7¼"



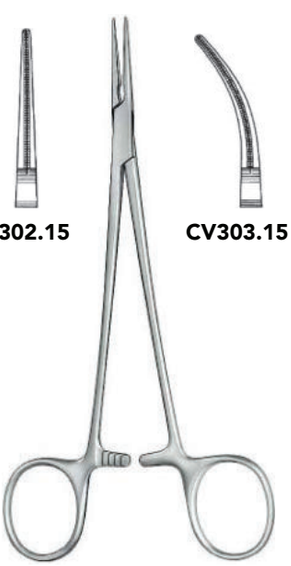
CV439.20
20.5 cm/8"



CV438.12

CV439.12

DEBAKEY-MOSQUITO
12.5 cm/4¾"



CV302.15

CV303.15

DEBAKEY-MOSQUITO
15 cm/6"



CV300.16



CV301.16

DEBAKEY-RANKIN
16 cm/6¼"

ATRAUMA

DEBAKEY



GLOVER
CV449.17
17 cm/6¾"



GLOVER



CV451.17
17.5 cm/6¾"



CV451.21
21 cm/8¼"



CV451.26
26 cm/10¼"

Organ grasping forceps

ATRAUMA



GH266.25
25 cm/9¾"



GH266.26
26 cm/10¼"

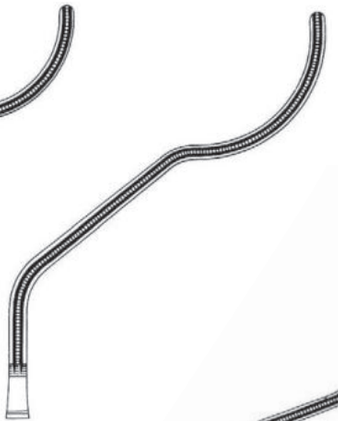
Perfunda clamps



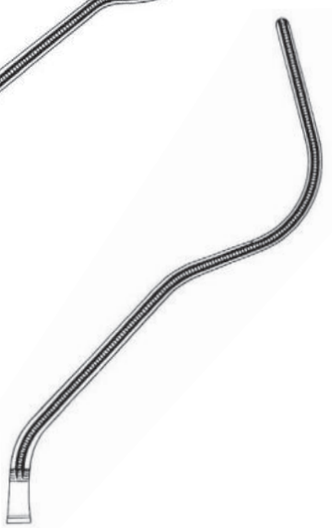
GREGORY



CV342.14
13.5 cm/5¼"



CV342.16
16 cm/6¼"



CV342.18
18 cm/7"



ATRAUMA

DEBAKEY



CV424.02
left



CV424.01
right



WEBER
24 cm/9½″



CV453.16
16 cm/6¼″

Anastomosis clamps



CV453.17
17 cm/6¾″



DEBAKEY

ATRAUMA

DEBAKEY



DERRA



Fig. 1



CV456.16
16.5 cm/6½"

Fig. 2



CV456.17
17 cm/6¾"

Fig. 3



CV456.18
17.5 cm/7"



DEBAKEY-BECK



CV457.17
17 cm/6¾"



CV457.19
19 cm/7½"



CV457.21
21 cm/8¼"

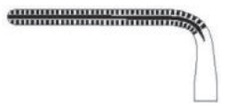
ATRAUMA

COOLEY

Pediatric vascular clamps



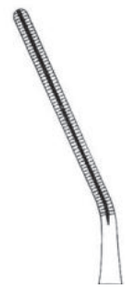
COOLEY



CV466.00
11.5 cm/4½"



CV466.01
14.5 cm/5¾"



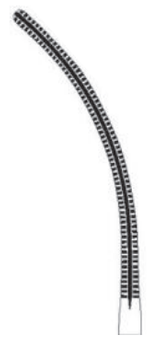
CV466.02
14.5 cm/5¾"



CV466.04
14 cm/5½"



CV466.05
14.5 cm/5½"



CV466.06
12.5 cm/4¾"

Pediatric vascular clamps



COOLEY
CV466.03
14.5 cm/5¾"

Anastomosis clamps



COOLEY
CV467.21
22 cm/8¾"

Multi purpose vascular clamps



COOLEY
CV468.17
17 cm/6¾"

Carotid clamps



COOLEY
CV469.20
20 cm/8"

ATRAUMA

COOLEY

Anastomosis clamps



COOLEY
CV470.17
17 cm/6¾"



COOLEY
16.5 cm/6½"



CV477.17



CV477.16

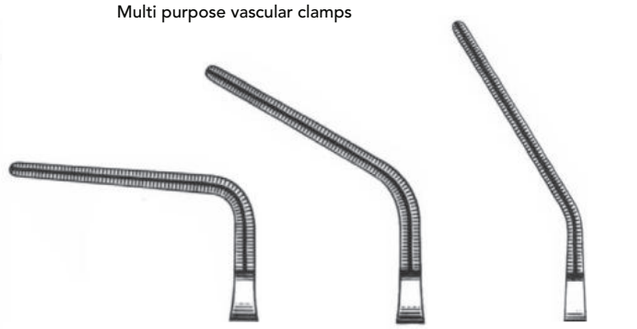
Anastomosis clamps



COOLEY
CV471.16
16 cm/6¼"

COOLEY

Multi purpose vascular clamps



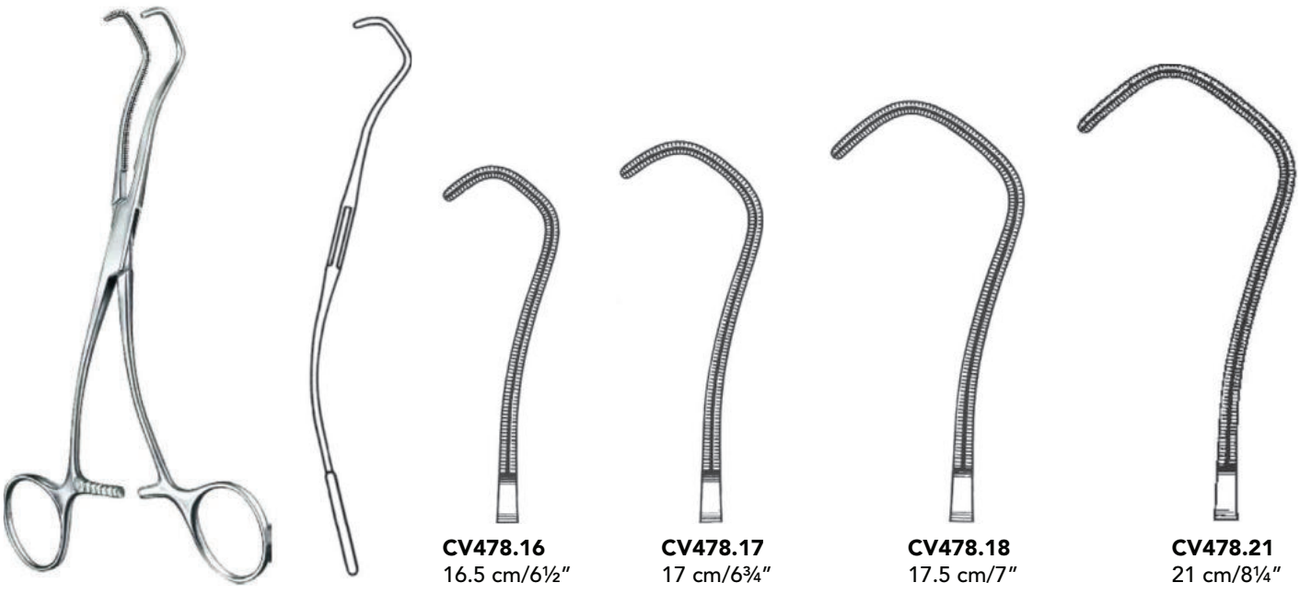
CV472.15
14.5 cm/5¾"

CV472.16
16 cm/6¼"

CV472.17
16.5 cm/6½"

ATRAUMA

COOLEY



COOLEY-DERRA

CV478.16
16.5 cm/6½"

CV478.17
17 cm/6¾"

CV478.18
17.5 cm/7"

CV478.21
21 cm/8¼"



COOLEY
CV476.17
17.5 cm/7"

COOLEY
CV473.17
17 cm/6¾"

COOLEY
CV474.17
17 cm/6¾"

COOLEYBECK
CV479.17
17 cm/6¾"

ATRAUMA

DEBAKEY



DEBAKEY-BABY



Fig. 1

CV573.01
14 cm/5½"



Fig. 2

CV573.02
14 cm/5½"



Fig. 3

CV573.03
14 cm/5½"



Fig. 4

CV573.04
14 cm/5½"



Fig. 5

CV573.05
14 cm/5½"



Fig. 6

CV573.06
13 cm/5"

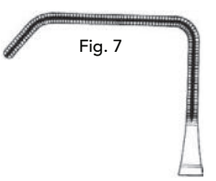


Fig. 7

CV573.07
13 cm/5"

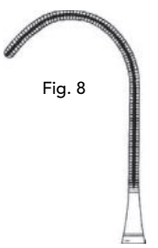


Fig. 8

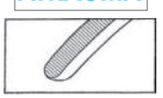
CV573.08
14 cm/5½"



Fig. 9

CV573.09
13 cm/5"

ATRAUMA



CASTAÑEDA



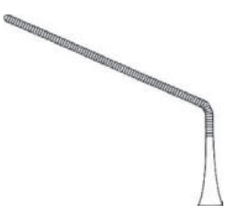
CASTAÑEDA



CV593.00
13 cm/5"



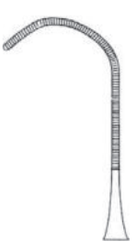
CV593.01
12.5 cm/4¾"



CV593.02
12 cm/4¾"



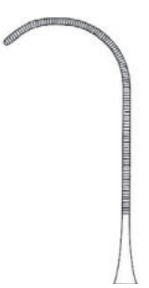
CV593.03
11 cm/4¼"



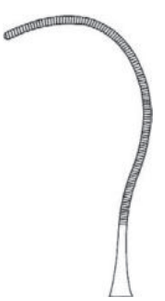
CV595.01
12 cm/4¾"



CV595.02
12 cm/4¾"



CV595.03
12 cm/4¾"



CV597.12
12 cm/4¾"



GARRET 14 cm



CV1000.54
Ø 0.5 mm



CV1000.55
Ø 1.0 mm



CV1000.56
Ø 1.5 mm



CV1000.57
Ø 2.0 mm



CV1000.58
Ø 2.5 mm



CV1000.59
Ø 3.0 mm



CV1000.60
Ø 3.5 mm



CV1000.61
Ø 4.0 mm



CV1000.62
Ø 4.5 mm



CV1000.63
Ø 5.0 mm



CV1000.64
Ø 7.0 mm



CV1000.65
Ø 9.0 mm

Malleable



COOLEY



	Ø 0.5 mm	Ø 1.0 mm	Ø 1.5 mm
14 cm/5½"	**CV506.05**	**CV506.10**	**CV506.15**
19 cm/7½"	**CV507.05**	**CV507.10**	**CV507.15**





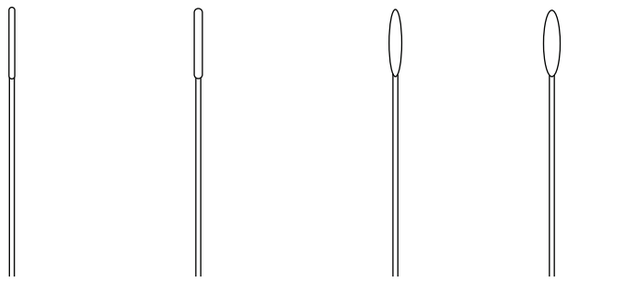


	Ø 2.0 mm	Ø 2.5 mm	Ø 3.0 mm
14 cm/5½"	**CV506.20**	**CV506.25**	**CV506.30**
19 cm/7½"	**CV507.20**	**CV507.25**	**CV507.30**

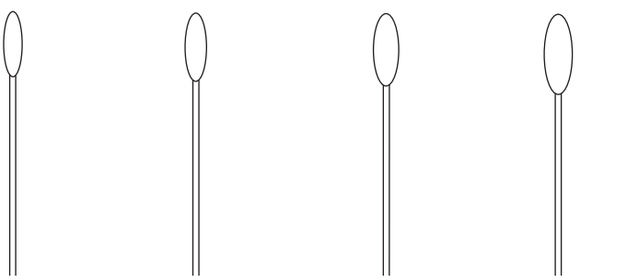
Malleable



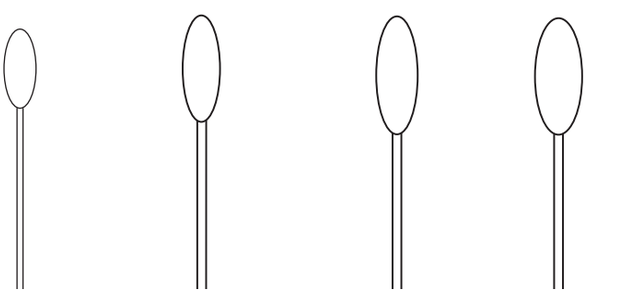
DEBAKEY



	Ø 0.5 mm	Ø 1.0 mm	Ø 1.5 mm	Ø 2.0 mm
14 cm/5½"	**CV491.05**	**CV491.10**	**CV491.15**	**CV491.20**
19 cm/7½"	**CV492.05**	**CV492.10**	**CV492.15**	**CV492.20**



	Ø 2.5 mm	Ø 3.0 mm	Ø 3.5 mm	Ø 4.0 mm
14 cm/5½"	**CV491.25**	**CV491.30**	**CV491.35**	**CV491.40**
19 cm/7½"	**CV492.25**	**CV492.30**	**CV492.35**	**CV492.40**

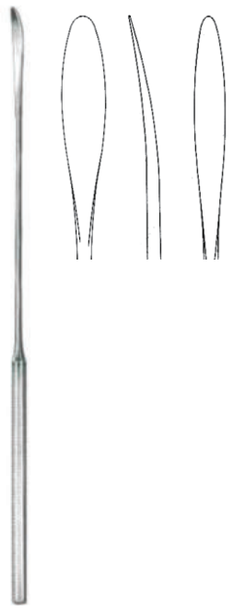


	Ø 4.5 mm	Ø 5.0 mm	Ø 7.0 mm	Ø 9.0 mm
14 cm/5½"	**CV491.45**	**CV491.50**		
19 cm/7½"	**CV492.45**	**CV492.50**	**CV492.70**	**CV492.90**

Intima spatulas



18.5 cm/7″ **CV535.18**
21.5 cm/8¼″ **CV535.21**



14.0 cm/5½″ **CV537.14**
23.5 cm/9¼″ **CV537.24**



CRILE
CV541.20
20 cm/8″

Nerve hooklet

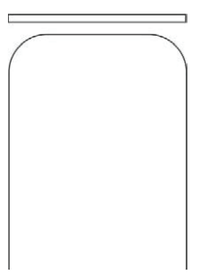


CRILE
CV543.20
20 cm/8″

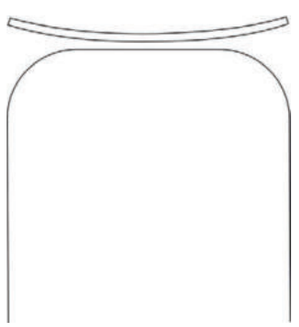


HACH
30 cm/11¾″

Fasciotomy spatulas



25 mm **CV526.25**
32 mm **CV526.32**



40 mm **CV526.40**
52 mm **CV526.52**

Vascular dissector



ROBB
24 cm/9½″

Fig.		
1	5 mm x Ø 2.5 mm	**CV539.01**
2	4 mm x Ø 2.0 mm	**CV539.02**
3	3 mm x Ø 1.5 mm	**CV539.03**
4	2 mm x Ø 1.0 mm	**CV539.04**

Nerve hooklet



26 cm/10¼″

Ø 1.5 mm	**CV550.15**
Ø 2.0 mm	**CV550.20**
Ø 2.5 mm	**CV550.25**
Ø 3.0 mm	**CV550.30**



COLLIN
CV1000.42
19.5 cm

Bone shears



CV100.23
23 cm/9″



CV101.22
23 cm/9″

Drawing cut



GLUCK
CV107.22
21 cm/8¼″



LEBSCHE
CV151.24
24.5 cm/9¾″

Chest Tube Passer



	with ratchet	without ratchet
24 cm/9½"	**CV157.24**	**CV156.24**
34 cm/13¾"	**CV157.36**	**CV156.36**



BETHUNE
CV126.34
34.5 cm/13¾"



SAUERBRUCH
CV131.26
26 cm/10¼"



GIERTZ-STILLE
CV137.27
24.5 cm/9¾"



BRUNNER
32 cm/12¾"
Right **CV147.28**
Left **CV149.28**

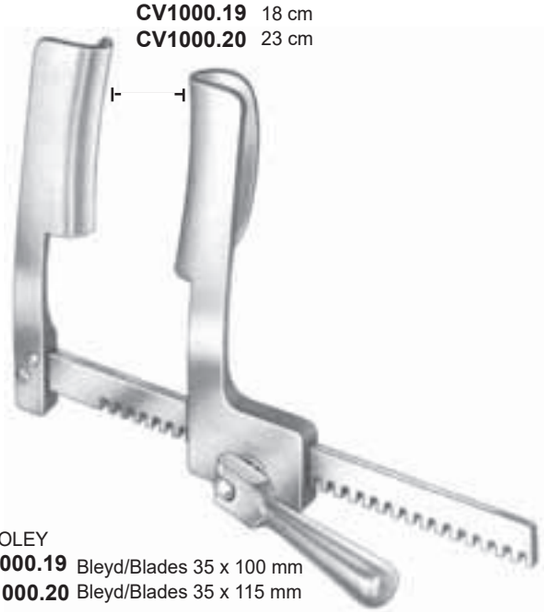


FINOCHIETTO
CV1000.01
Bleyd/Blades 12 x 15 mm

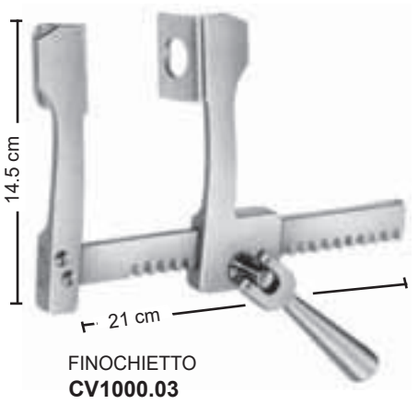


FINOCHIETTO
CV1000.02
Bleyd/Blades 28 x 30 mm

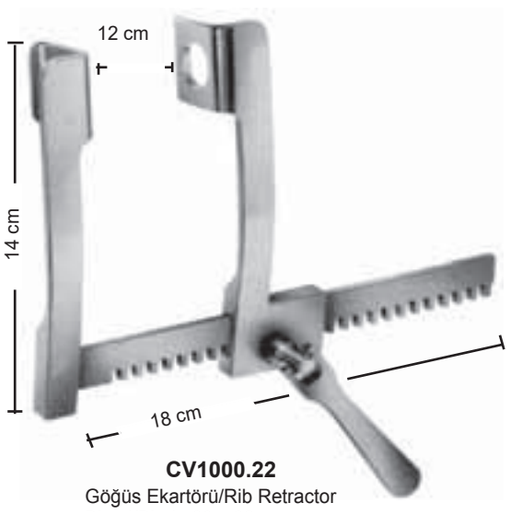
CV1000.19 18 cm
CV1000.20 23 cm



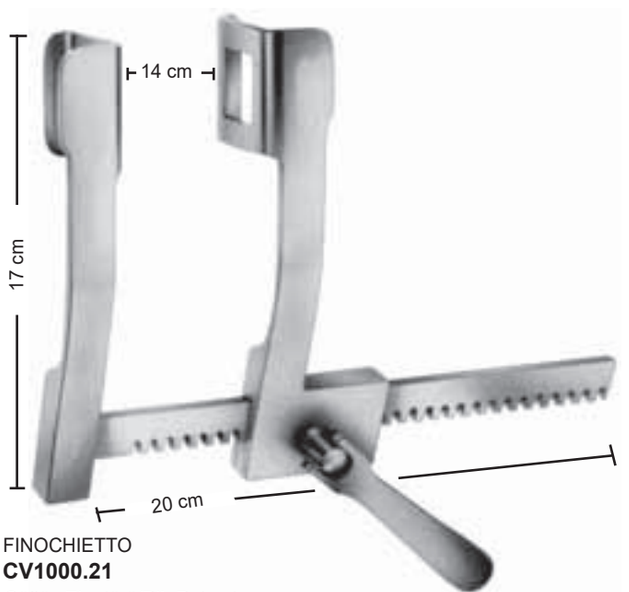
COOLEY
CV1000.19 Bleyd/Blades 35 x 100 mm
CV1000.20 Bleyd/Blades 35 x 115 mm



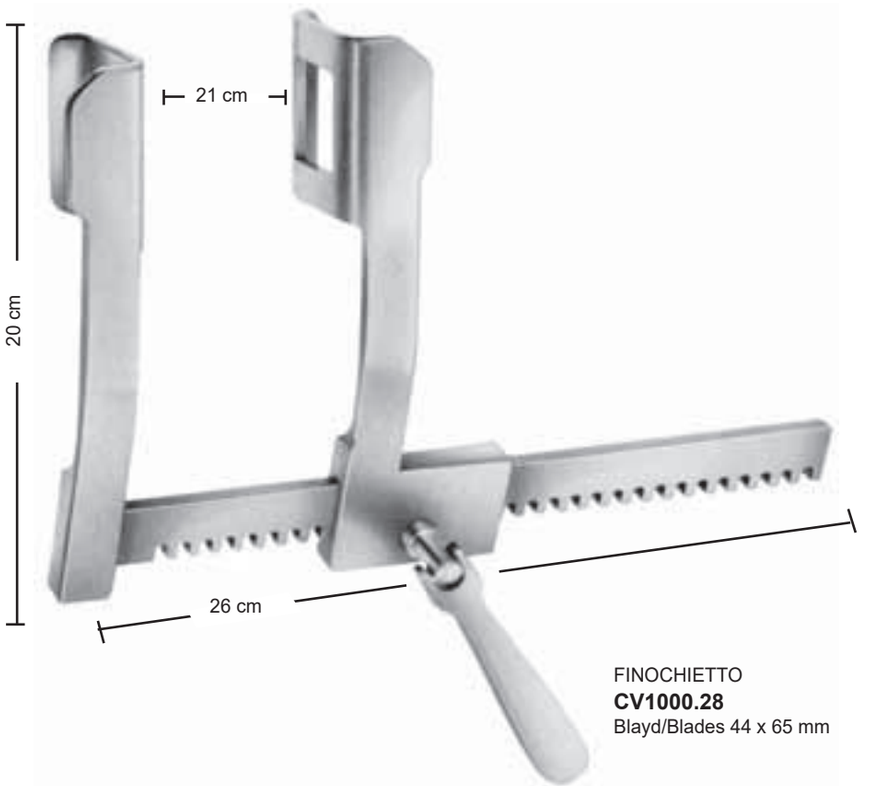
FINOCHIETTO
CV1000.03
Bleyd/Blades 31 x 45 mm



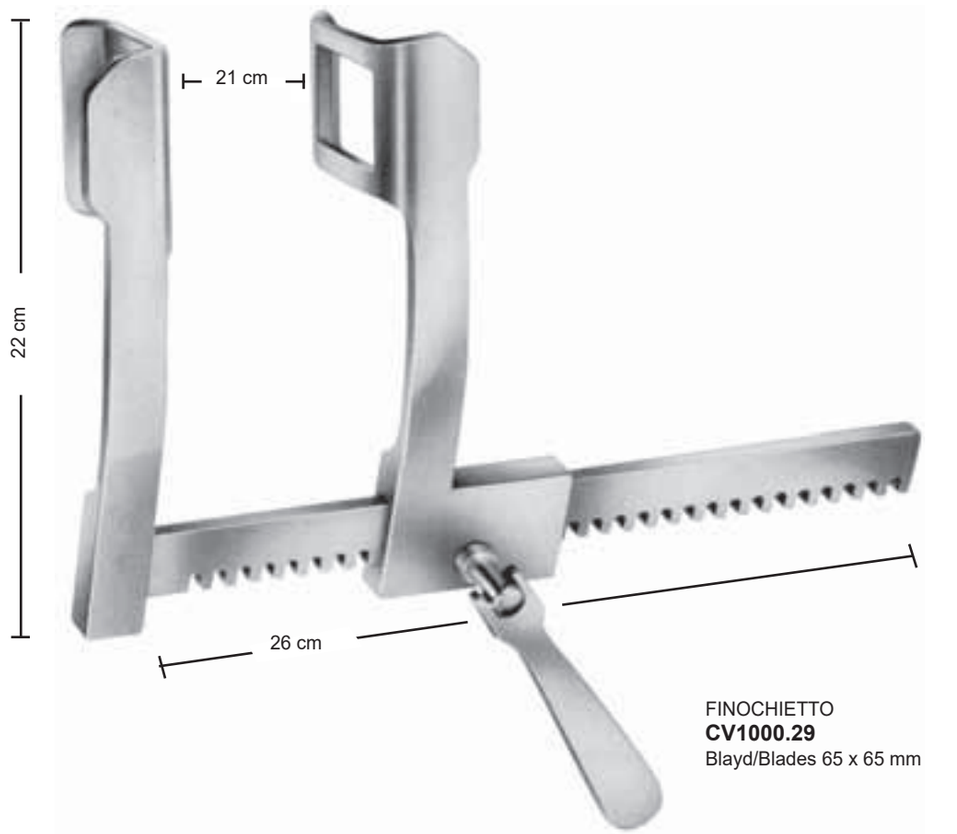
CV1000.22
Göğüs Ekartörü/Rib Retractor
Bleyd/Blade 28 x 32 mm



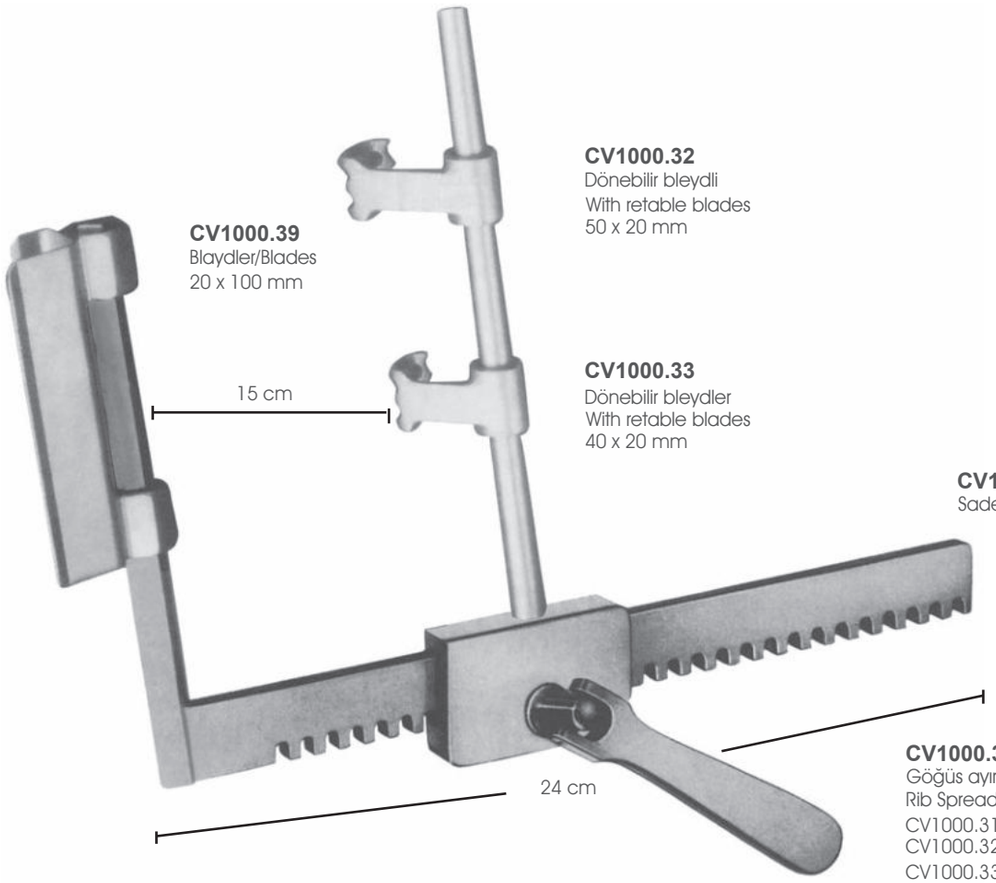
FINOCHIETTO
CV1000.21
Göğüs Ekartörü/Rib Retractor
Bleyd/Blades 36 x 45 mm



FINOCHIETTO
CV1000.28
Blayd/Blades 44 x 65 mm



FINOCHIETTO
CV1000.29
Blayd/Blades 65 x 65 mm



CV1000.32
Dönebilir bleydli
With retable blades
50 x 20 mm

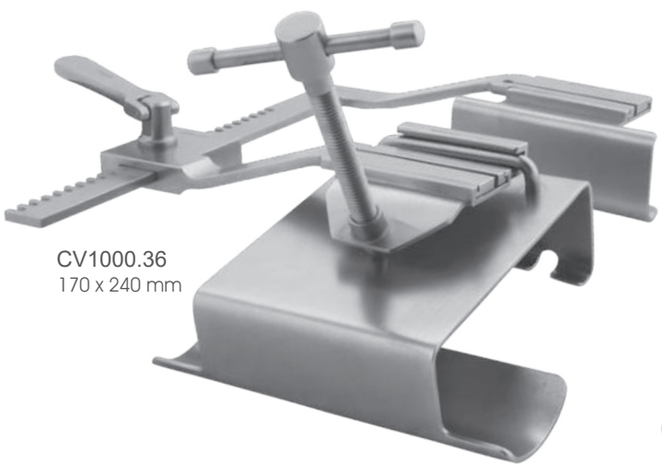
CV1000.39
Blaydler/Blades
20 x 100 mm

CV1000.33
Dönebilir bleydler
With retable blades
40 x 20 mm

CV1000.31
Sadece ekartör/Retractor only

CV1000.30
Göğüs ayırıcı komple
Rib Spreader complete
CV1000.31 Sadece ekartör/Retractor only
CV1000.32 Bleyd(çift)/Blade(pair)
CV1000.33 Bleyd(çift)/Blade(pair)
CV1000.34 Bleyd(çift)/Blade(pair)

IMA Bleyd/IMA Blade



CV1000.36
170 x 240 mm



CV1000.37
80 x 100 mm



CV1000.38
100 x 120 mm



CV1000.39
38 x 100 mm



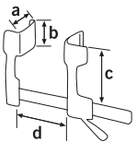
CV1000.40



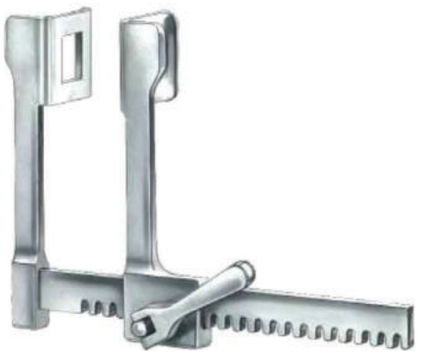
CV1000.41

CV1000.35
Torasik Ekartör komple/Thoracic retractor complete

CV1000.36	Sadece ekartör/Retractor only
CV1000.37	Bleyd 1 adet/Blade 1 Piece
CV1000.38	Bleyd 1 adet/Blade 1 Piece
CV1000.39	Bleyd 1 adet/Blade 1 Piece
CV1000.40	Bleyd 1 adet/Blade 1 Piece
CV1000.41	Bleyd 1 adet/Blade 1 Piece



for babies and children



FINOCHIETTO-BABY

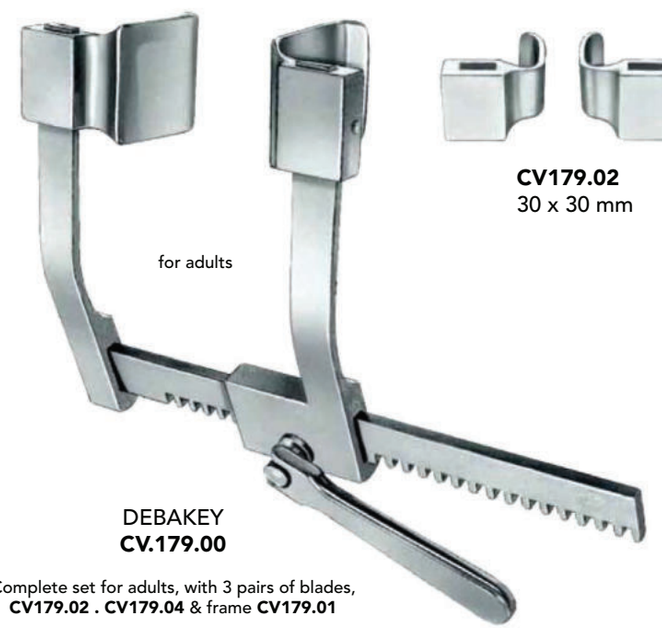
A x B	C	D	
18 x 21 mm	50 mm	75 mm	**CV177.75**



for adults

FINOCHIETTO

A x B	C	D	
40 x 45 mm	110 mm	150 mm	**CV178.01**
45 x 65 mm	140 mm	165 mm	**CV178.02**
80 x 65 mm	140 mm	190 mm	**CV178.03**



for adults

DEBAKEY
CV.179.00

Complete set for adults, with 3 pairs of blades,
CV179.02 . CV179.04 & frame **CV179.01**

blades



CV179.02
30 x 30 mm

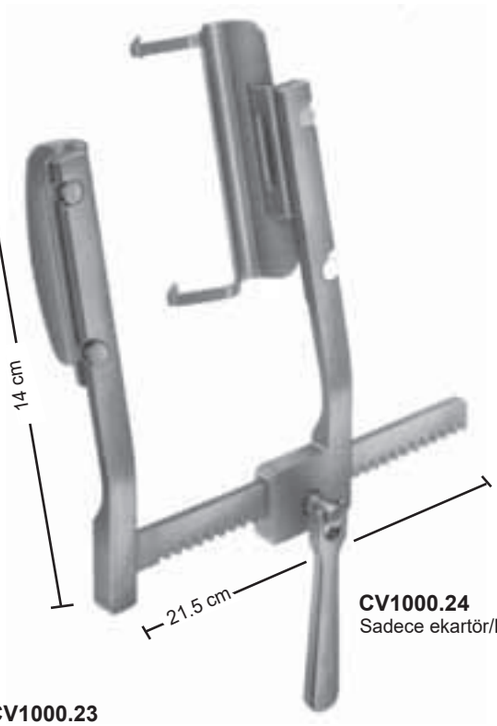


CV179.03
40 x 40 mm



CV179.04
50 x 50 mm

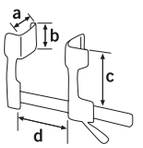
C	D	Frame only
160 mm	150 mm	**CV179.01**



CV1000.24
Sadece ekartör/Retractor only



CV1000.25
Mamaria Bleyd Komple
Mammaria Blade Complete





CV1000.26
1 çift sternum bleyd
1 Pair sternum blades
30 x 100 mm

CV1000.27
1 çift sternum bleyd
1 Pair sternum blades
40 x 100 mm

CV1000.23
Mamaria Ekartörü Komple
Mammaria Retractor Complete

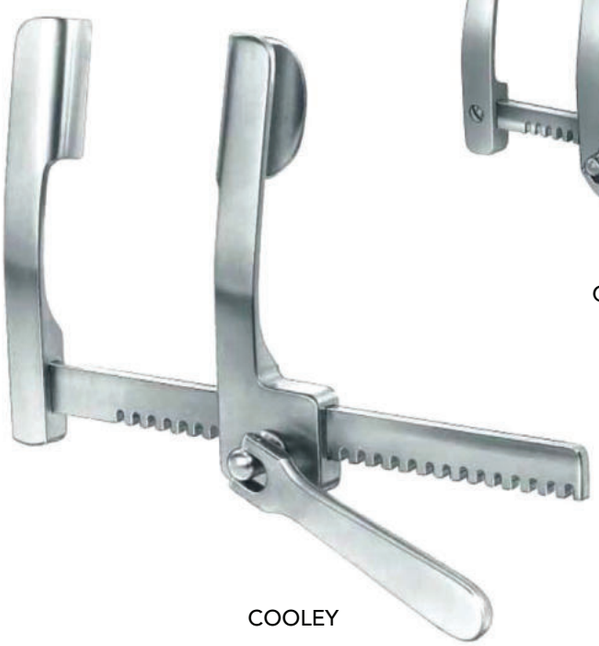
CV1000.24 Sadece ekartör/Retractor only
CV1000.25 Mamaria Bleyd Komple/Mammaria Blade Complete
CV1000.26 1 çift sternum bleyd/1 Pair sternum blades 30 x 100 mm
CV1000.27 1 çift sternum bleyd/1 Pair sternum blades 40 x 100 mm



ALUMINIUM

COOLEY

A x B	C	D	for	
12 x 16 mm	60 mm	95 mm	babies	**CV160.01**
15 x 30 mm	80 mm	95 mm	children	**CV160.02**



COOLEY

A x B	C	D	for	
20 x 45 mm	100 mm	150 mm	children	**CV160.03**
35 x 50 mm	140 mm	180 mm	adults	**CV160.04**

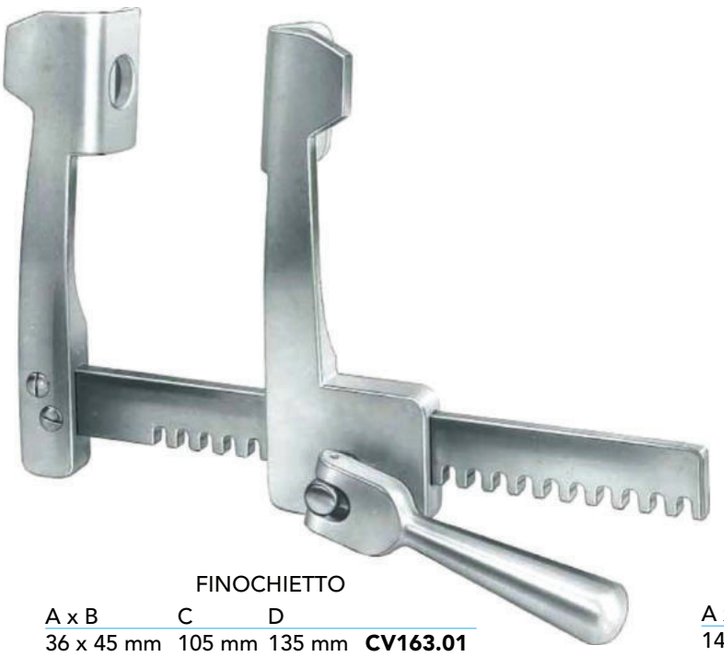


ALUMINIUM

FINOCHIETTO

A x B	C	D	for	
15 x 15 mm	60 mm	75 mm	babies	**CV161.01**
31 x 31 mm	80 mm	100 mm	children	**CV162.01**

for children and adults



FINOCHIETTO

A x B	C	D	
36 x 45 mm	105 mm	135 mm	**CV163.01**
44 x 65 mm	140 mm	175 mm	**CV163.02**
65 x 65 mm	140 mm	175 mm	**CV163.03**

for children and adults

ALUMINIUM



FINOCHIETTO (modif.)

A x B	C	D	
14 x 15 mm	100 mm	100 mm	**CV167.01**

Spare blades



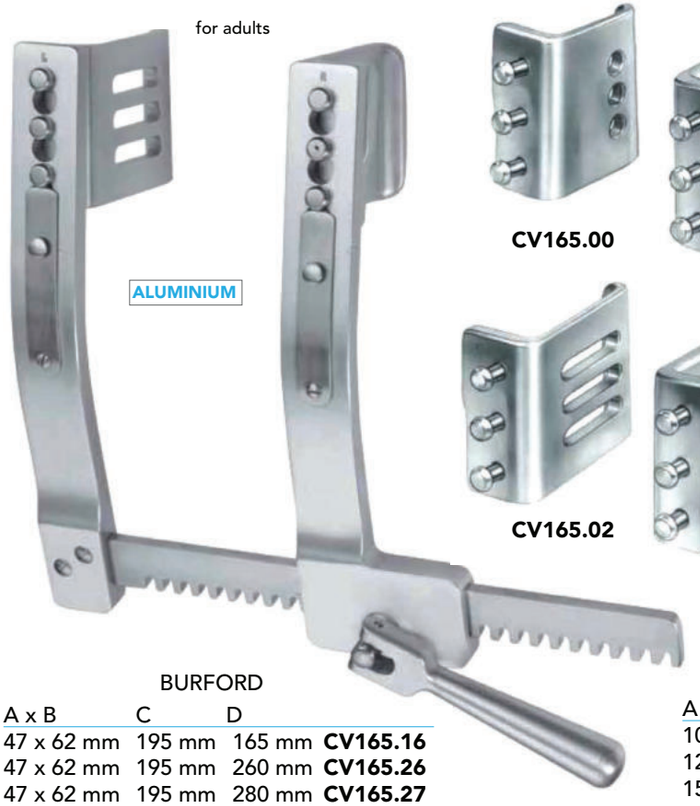
CV165.00



CV165.02

for adults

ALUMINIUM



BURFORD

A x B	C	D	
47 x 62 mm	195 mm	165 mm	**CV165.16**
47 x 62 mm	195 mm	260 mm	**CV165.26**
47 x 62 mm	195 mm	280 mm	**CV165.27**

for babies and children

ALUMINIUM



CASTAÑEDA

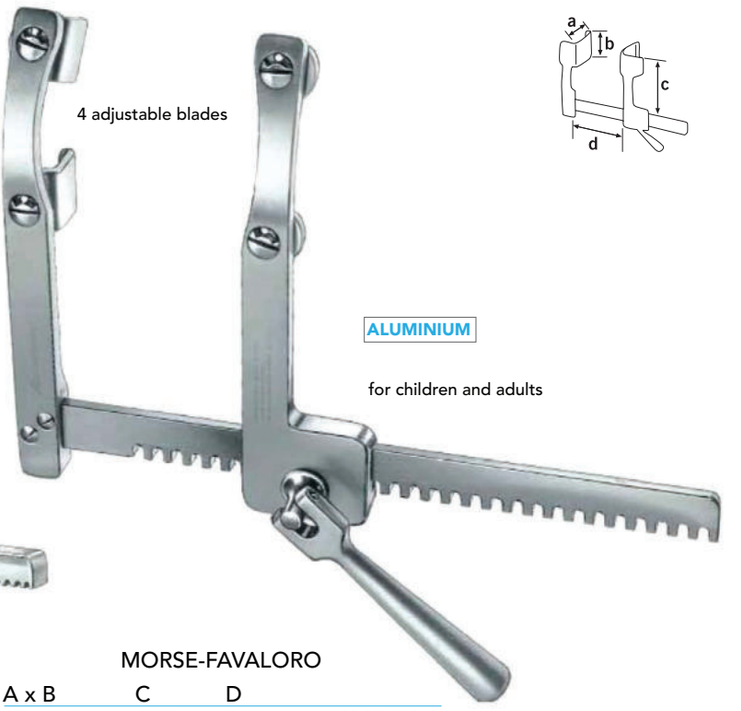
A x B	C	D		for
10 x 32 mm	60 mm	65 mm	**CV166.01**	babies
12 x 45 mm	80 mm	70 mm	**CV166.02**	babies & children
15 x 60 mm	120 mm	100 mm	**CV166.03**	children



for children and adults

HAIGHT

A x B	C	D	
30 x 30 mm	90 mm	120 mm	**CV168.90**



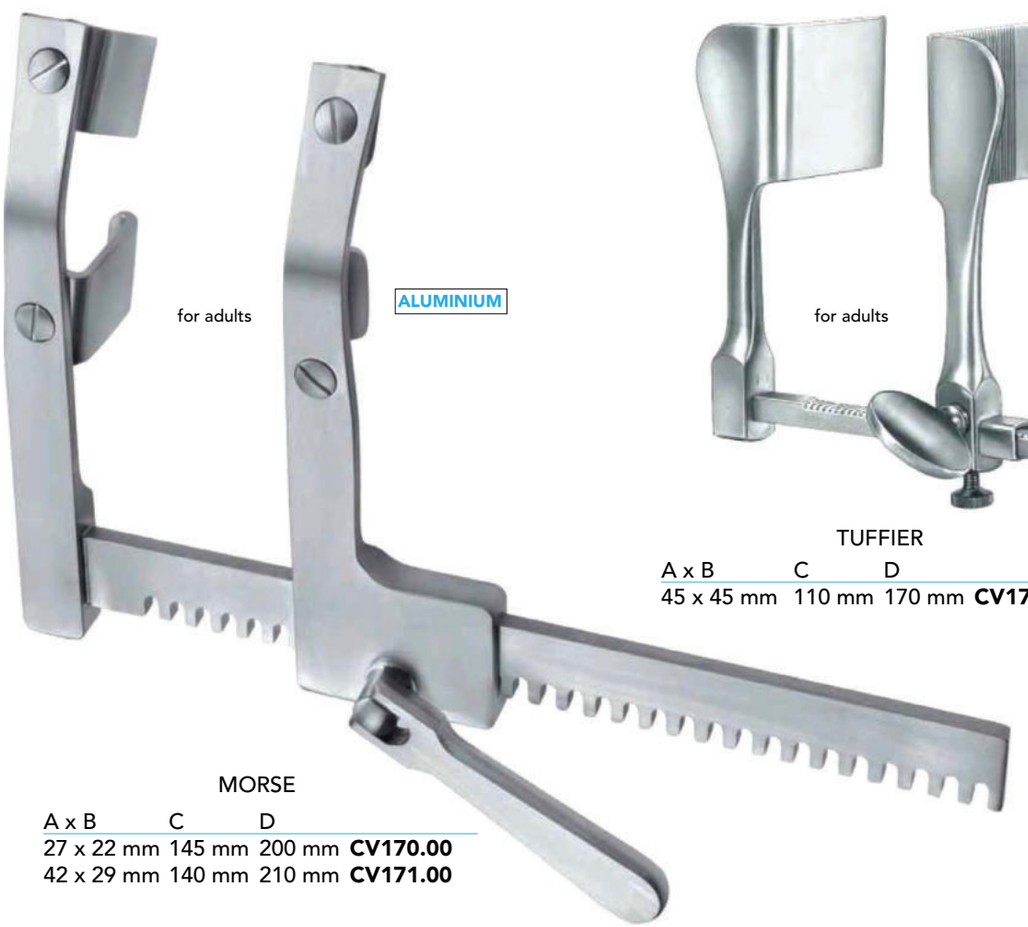
4 adjustable blades

ALUMINIUM

for children and adults

MORSE-FAVALORO

A x B	C	D	
17 x 22 mm	120 mm	160 mm	**CV169.01**



for adults

ALUMINIUM

MORSE

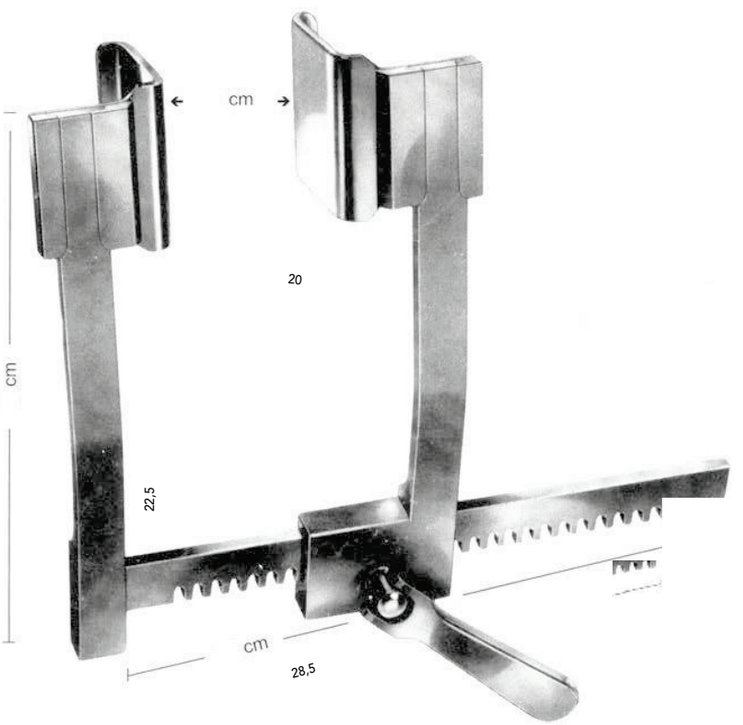
A x B	C	D	
27 x 22 mm	145 mm	200 mm	**CV170.00**
42 x 29 mm	140 mm	210 mm	**CV171.00**



for adults

TUFFIER

A x B	C	D	
45 x 45 mm	110 mm	170 mm	**CV174.02**

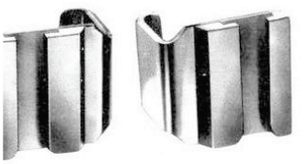


DEBAKEY
CV180.00

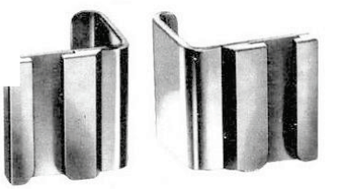
Complete set for adults, with 4 pairs of blades,
CV598.02 . CV598.05 & frame **CV598.01**

C	D	Frame only
225 mm	285 mm	**CV.598.01**

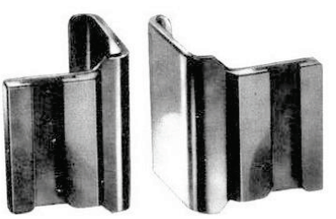
CV598.02
60 x 60 mm



CV598.03
50 x 80 mm



CV598.05
80 x 60 mm





CV598.04
40 x 100 mm



SELLORS
CV218.19
20 cm/8″



BAILEY-BABY
CV220.16
15.5 cm/6″



BAILEY
CV224.20
20 cm/8″



BAILEY-GIBBON
CV226.20
20 cm/8″

Epicardial Spring Retractors



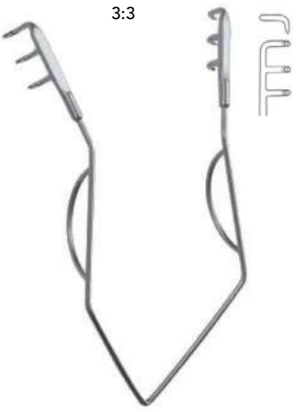
CV230.02
2.5 cm/1″



CV230.03
3.5 cm/1¼″



CV230.04
4 cm/1½″



CV230.05
5.5 cm/2¼″

Lung spatulas



ALLISON
29.5 cm/11¾″ **CV231.30**
33.0 cm/13″ **CV231.32**



CV233.30
29.5 cm/11¾″

Lung grasping forceps

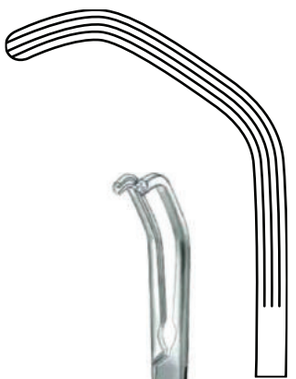


LOVELACE
CV286.20
20.5 cm/8″



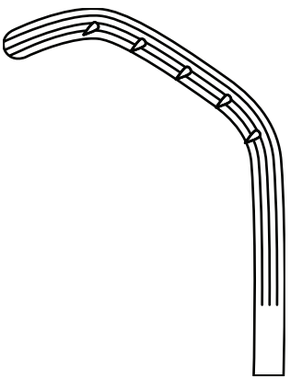
LOVELACE
CV287.20
19 cm/7½″

Bronchus clamps

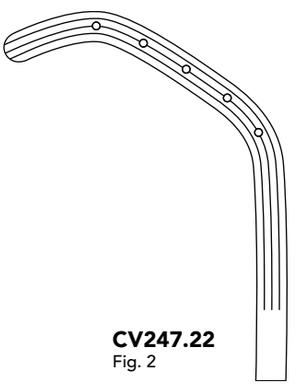




PRICE-THOMAS
CV241.22
22 cm/8¾"



CV245.22
Fig. 1



CV247.22
Fig. 2



PRICE-THOMAS
22 cm/8¾"



SEMB



CV265.24
25 cm/9¾"



CV267.24
24.5 cm/9¾"



CV1000.06
17 x 21 mm



CV1000.05
16 x 23 mm



BOROWSKI
CV1000.05- CV1000.10
Bükülebilir şaft/Malleable shaft
27 cm



CV1000.07
20 x 25 mm



CV1000.08
24 x 27 mm



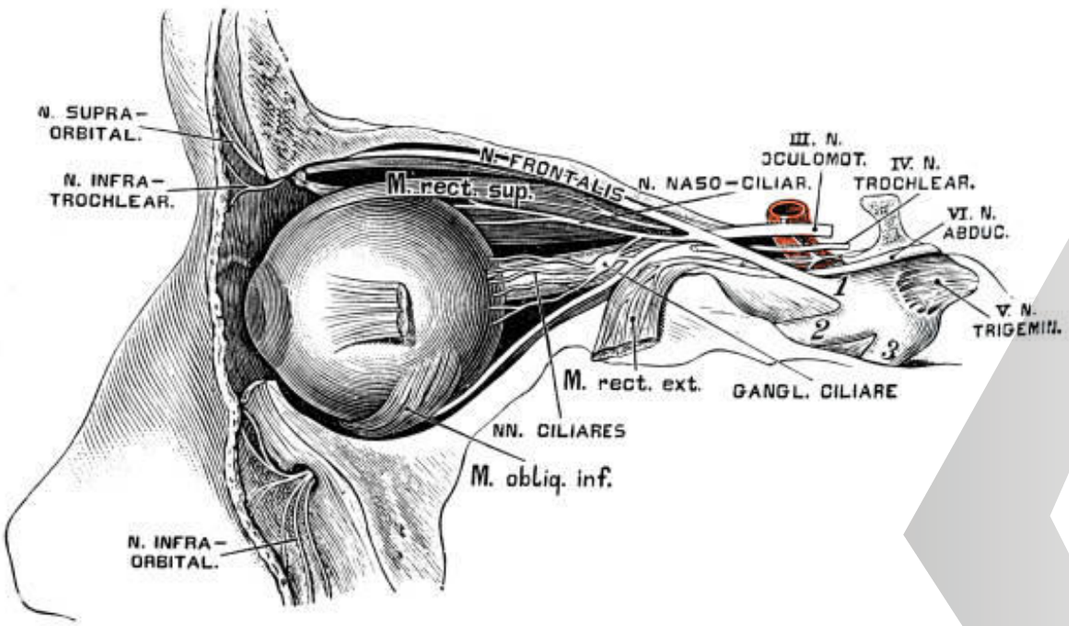
CV1000.09
28 x 20 mm

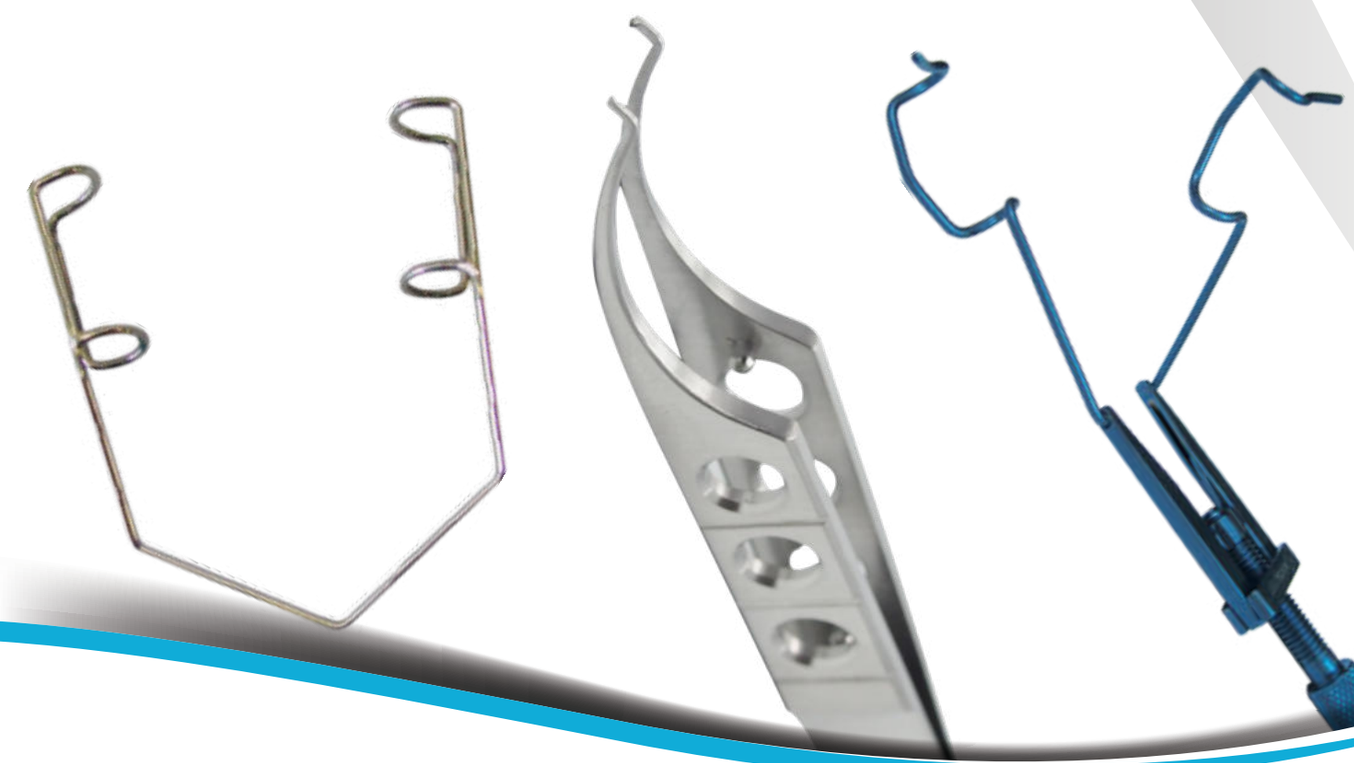


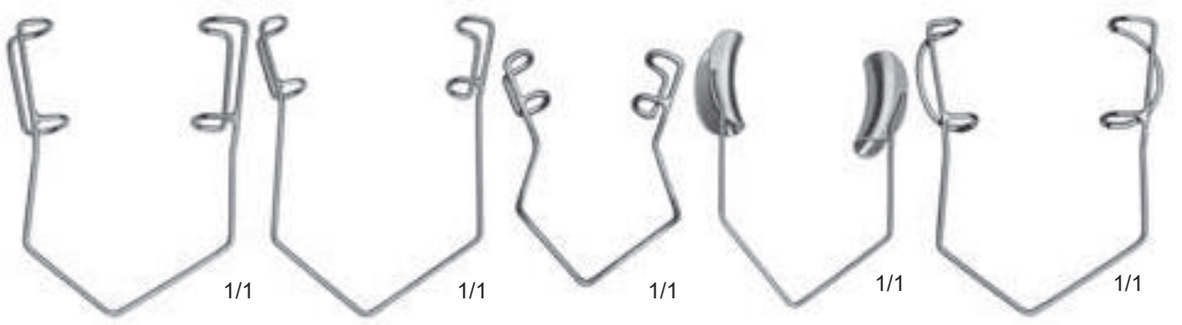
CV1000.10
28 x 29 mm

inside ed

OPTHALMIC SURGERY







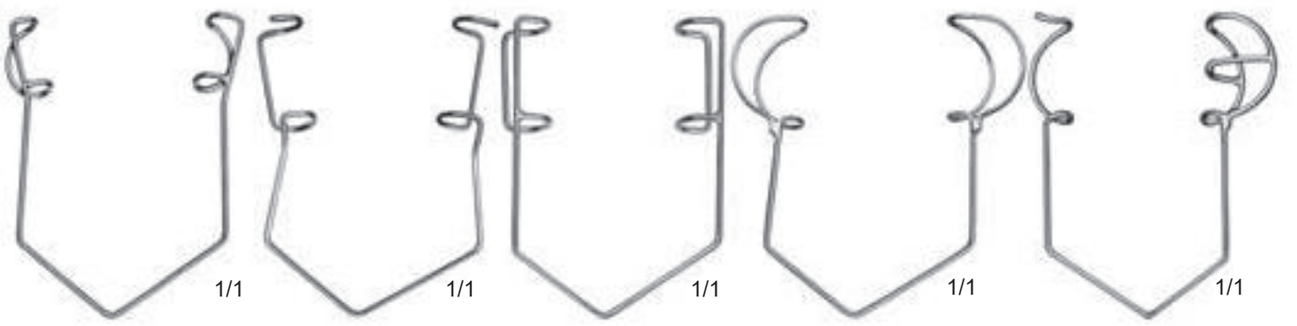
BARRAQUER
OS100.01
fenestrated

BARRAQUER
OS105.04A
fenestrated,
for infants

BARRAQUER
OS105.03
fenestrated for
premature infants

BARRAQUER
OS106.04A
solid blades

BARRAQUER
OS100.08
fenestrated Rouna
Blades



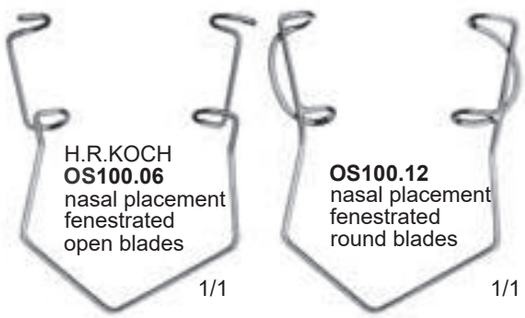
BARRAQUER
OS100.02
fenestrated,
round blades
for infants

BARRAQUER
OS100.03
fenestrated,
open blades

BARRAQUER
FRANKFURT MODEL
OS100.04
fenestrated, large

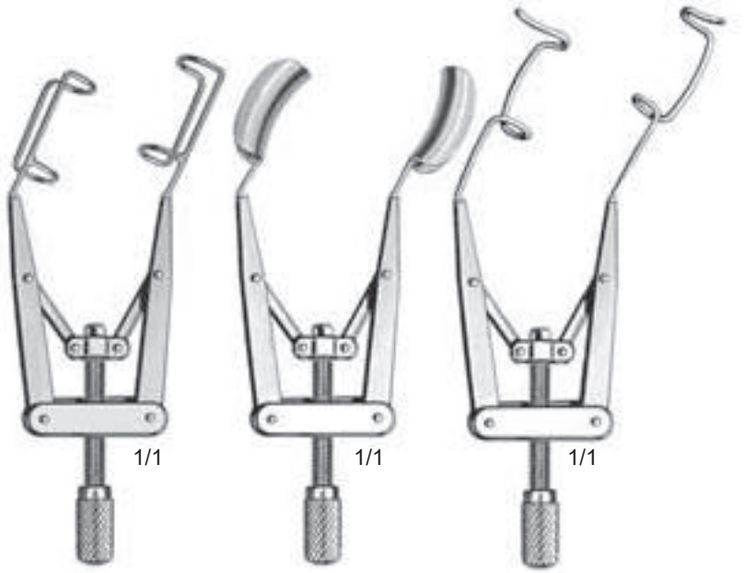
KRATZ-BARRAQUER
OS100.05
fenestrated,
round blades

OHNO
OS100.10 left
OS100.11
right
fenestrated



H.R.KOCH
OS100.06
nasal placement
fenestrated
open blades

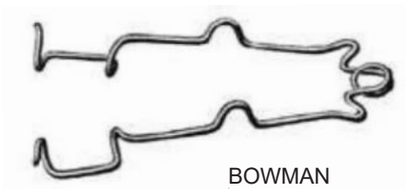
OS100.12
nasal placement
fenestrated
round blades



KERSHNER
OS101.01
open blades
for temporal
placement

KERSHNER
OS101.02
solid blades
for nasal and
temporal placement

LIEBERMANN-TENNANT
OS101.03
fenestrated, open blades
for temporal placement



BOWMAN
OS1000.00
7 cm/2 ¾"


1/1

WEISS
OS100.07
fenestrated


1/1

WEISS
OS124.08
fenestrated, open, blades


1/1

WEISS
OS101.07
solid blades


1/1

WEISS
OS101.04
fenestrated, for infants


1/1

WEISS
OS101.05
solid blades, for infants


1/1

MURDOCK
OS125.05 small, left
OS125.06 small,
right


1/1

MURDOCK
OS124.05 left
OS124.06
right


1/1

COOK
OS120.03
for infants


1/1

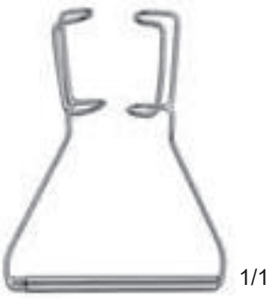
COOK
OS120.04
small


1/1

COOK
OS120.06
medium


1/1

COOK
OS120.05
large


1/1

BARRAQUER-OOSTERHUIS
OS102.01
adjustable, fenestrated


1/1

BARRAQUER-OOSTERHUIS
OS102.02
adjustable, fenestrated
for infants


1/1

BARRAQUER-OOSTERHUIS
OS102.03
adjustable, solid blades


1/1

BARRAQUER-OOSTERHUIS
OS102.04
adjustable, solid blades for
infants


1/1

BARRAQUER-OOSTERHUIS
OS102.05
adjustable, fenestrated


1/1

BARRAQUER-OOSTERHUIS
OS102.06
adjustable, fenestrated
rounde blades, for infants


1/1

TAZAWA
OS.102.07
Left
OS102.08
Right rounde
blades
adjustable, fenestrated


1/1

BARRAQUER-OOSTERHUIS
KRATZ
OS102.09
adjustable, fenestrated
open blades, for infants


1/1

PRETORI
OS111.04 left
OS112.04
right


1/1

TAKEDA
OS102.10
fenestrated, for infants


1/1

SAUER
OS108.03


1/1

CASTROVIEJO
OS128.08 small
(09 mm blades)
OS128.09
medium (16 mm
blades) **OS128.10**
large (18 mm
blades)



1/1

MELLINGER-BEARD
OS115.05
for infants



1/1

MELLINGER-BEARD
OS115.07



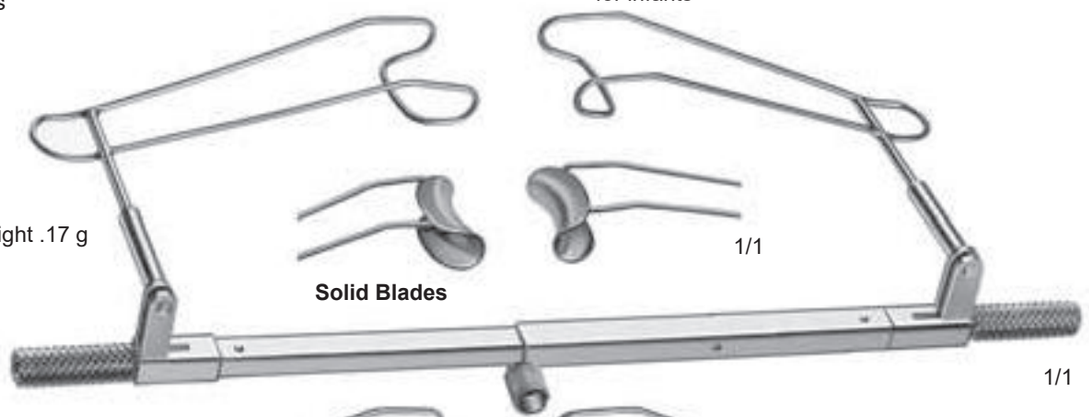
1/1

MELLINGER
OS116.05
for infants



1/1

MELLINGER
OS116.07



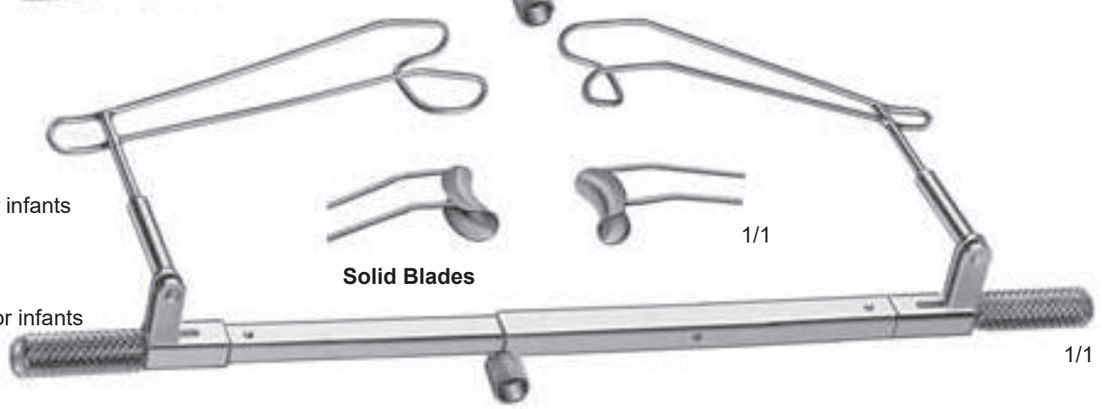
1/1

SCHOTT
OS110.01
fenestrated, weight .17 g

Solid Blades

SCHOTT
OS110.02
solid blades
weight : 17 g

1/1



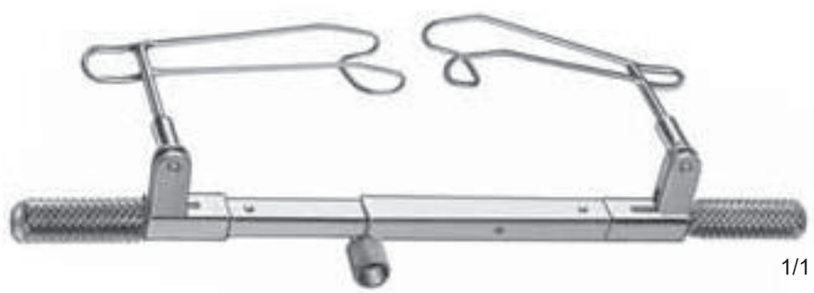
1/1

SCHOTT
OS111.01
fenestrated, for infants
weight .17 g

SCHOTT
OS111.02
Solid Blades, for infants
weight .17 g

Solid Blades

1/1



1/1

SCHOTT
OS112.01
fenestrated, for infants
weight .13 g



1:2
Bonn
OS150.07
7 cm/2 ¾"



1:2
Bonn
OS151.07
7 cm/2¾"



BONN MODEL
OS151.10
long, straight, 1 x 2 teeth, with tying
10 cm



Bonn
OS152.10
10 cm/4"



SWISS MODEL
OS153.10
curved, 1 x 2 teeth
9.5 cm



Bishop-Harman
OS153.08
8.5 cm/3½"



Bishop-Harman
OS154.08
8.5 cm/3½"



Bishop-Harman
OS155.08
8.5 cm/3½"



1:2
Bishop-Harman
OS156.08
8.5 cm/3½"



Graefe
OS157.05 0.5 cm
OS157.07 0.7 cm
OS157.10 1.0 cm
7 cm/2¾"



Graefe
OS158.05 0.5 cm
OS158.07 0.7 cm
OS158.10 1.0 cm
7 cm/2¾"



1:2
Graefe
OS159.05 0.5 cm
OS159.07 0.7 cm
OS159.10 1.0 cm
7 cm/2¾"



1:2
Graefe
OS160.05 0.5 cm
OS160.07 0.7 cm
OS160.10 1.0 cm
7 cm/2¾"



Foerster
OS161.06
8.5 cm/3½"



Foerster
OS162.08
8.5 cm/3½"



Foerster
OS163.08
8.5 cm/3½"



Foerter
OS164.08
8.5 cm/3½"



OS170.01 angled 7.5 mm
OS170.02 angled 9.0 mm
OS170.03 angled 11.0 mm

Gaskin Fragment Forceps



OS170.04 extremely delicate

OS170.05 without ridge, exremeley delicate



Masket **OS170.06**



Staright	Widht of Teeth	Curved
OS168.01	0.12 mm	**OS169.01**
OS168.02	0.30 mm	**OS169.02**
OS168.03	0.50 mm	**OS169.03**
OS168.04	1.00 mm	**OS169.04**
OS168.05	1.05 mm	**OS169.05**

Castroviejo 10 cm/4"



Castroviejo 10 cm/4"



Castroviejo **OS170.09** 9 cm3½"



Tuebingen
OS171.10
10 cm/4"



Tuebingen
OS172.08
8.5 cm/3½"



Paufique
OS173.10
10 cm/4"



Barraquer
OS174.10
10.5 cm/4¼"



Barraquer
OS175.10
10 cm/4"



Tuebingen
OS176.10
curved
9.5 cm



McPherson
OS176.07
7.5 cm/3"



Graefe
10 cm/4"









0.5 mm	**OS177.10**	**OS178.10**	**OS179.10**
0.7 mm	**OS177.11**	**OS178.11**	**OS179.11**
1.0 mm	**OS177.12**	**OS178.12**	**OS179.12**
1.2 mm	**OS177.13**	**OS178.13**	**OS179.13**
1.4 mm	**OS177.14**	**OS178.14**	**OS179.14**









0.5 mm	**OS180.10**	**OS181.10**	**OS182.10**
0.7 mm	**OS180.11**	**OS181.11**	**OS182.11**
1.0 mm	**OS180.12**	**OS181.12**	**OS182.12**
1.2 mm	**OS180.13**	**OS181.13**	**OS182.13**
1.4 mm	**OS180.14**	**OS181.14**	**OS182.14**



Stevens
10.5 cm/4½"







OS183.10



OS184.10



OS185.10

1:2



OS186.10

1:2



OS187.10

1:2



OS188.10



O'Connor
OS189.10
10 cm/4"



Stevens
OS190.11
11 cm/4½"



Stevens
OS191.11
11 cm/4½"



McCullough
OS192.09
9.5 cm/3¾"



McCullough
OS193.09
9.5 cm/3¾"



Bonaccoito
OS194.10
10 cm/4"



Bonaccoito
OS195.10
10 cm/4"



OS200.11
11 cm/4½"





OS196.11
1:2



OS197.11
2:3

11 cm/4½"





OS198.01



OS199.01

Nugent
10 cm/4"



Fischer
OS201.07
7 cm/2¾"



Fischer-Arit
OS202.07
7 cm/2¾"



Hess
OS203.07
7 cm/2¾"



Hess
OS204.07
7 cm/2¾"



Smooth **OS205.01** Chandler 7 cm/2¾" Serrated **OS206.02**



Fuchs
OS207.07
7 cm/2¾"



Gill-Hess
OS208.07
7.5 cm/3"

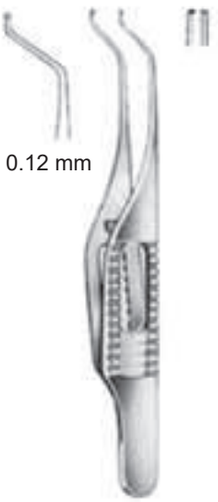


Gill-Hess
OS209.07
7.5 cm/3"
Teeth on side

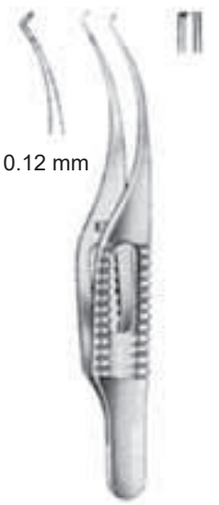


10 x

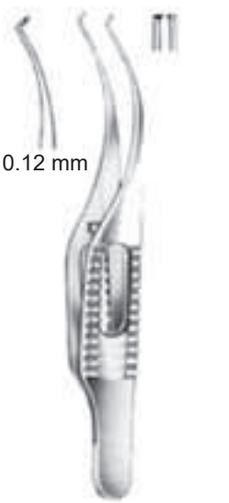
Barraquer-Katzin
OS211.07
7 cm/2¾"



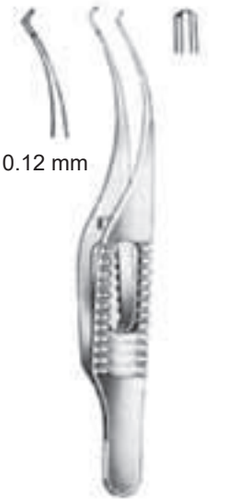
Troutman (Colibri)
OS212.07
7.5 cm/3"



Barraquer (Colibri)
OS213.07
7 cm/2¾"



Barraquer-Katzin (Colibri)
OS214.07
7 cm/2¾"



Barraquer (Colibri)
OS215.07
7 cm/2¾"



Gill-Arruga
OS216.07
7.5 cm/3"



Terson
OS217.09
9 cm/3½"



Schweigger
OS218.10
10 cm/4"



Schweigger
OS219.10
10 cm/4"



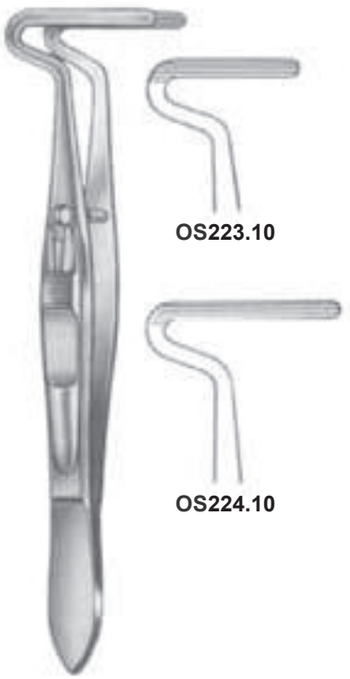
Elschnig
OS220.10
10 cm/4"



Hess
OS221.06
6 cm/2½"



Hess
OS222.06
6.5 cm/2½"



Berke
10 cm/4"



Blascovics
OS225.01
9 cm/3½"



Blascovics
OS226.02
9 cm/3½"



Worth
OS227.01
10 cm/4"



Worth
OS227.02
10 cm/4"



Jameson
OS223.01
10 cm/4"



Jameson
OS223.02
10 cm/4"



Prince
OS224.01
10 cm/4"



Prince
OS224.02
10 cm/4"



Sattler
OS228.01
10 cm/4"



Sattler
OS228.02
10 cm/4"



Sattler
OS228.03
10 cm/4"



Sattler
OS228.04
10 cm/4"



Sattler
OS228.09
9 cm/3½"



Knapp
OS228.11
11 cm/4¼"



Ayer
OS229.09
9 cm/3½"



Ayer
OS230.09
9 cm/3½"



Lambert
OS231.09
9 cm/3½"



CAUER
OS231.10
10 cm



Desmarres
9 cm/3½"



OS232.01



OS232.02



OS232.03



Barraquer
OS233.01
5.5 cm/2¼"



Barraquer
OS233.02
5.5 cm/2¼"



Barraquer
OS233.03
5.5 cm/2¼"



Hess
OS234.09
9 cm/3½"

◄ Swiss pattern ►



Hess
OS235.09
9 cm/3½"



Fushs
OS237.07
7 cm/2¾"



Kalt
OS238.10
10 cm/4"



Terson
OS239.09
9.5 cm/3¾"



Arruga-Nizetic
OS240.10
10 cm/4"



Castroviejo
OS241.10
10 cm/4"



Castroviejo
OS242.10
10 cm/4"



Elschnig
OS243.10
10 cm/4"

For len Implantation



Binkhorst
OS244.07
7 cm/2¾"



Arruga
OS245.09
9.5 cm/3¾"



Arruga
OS246.09
9.5 cm/3¾"



Shepard

With irrigator
OS247.01

Without irrigator
OS247.02



DODEN
OS247.03
10 cm



SHEPARD
OS247.04 without stop
OS247.05 with stop
11.5 cm



SPALECK
OS250.01
for silicone and acrylic IOLs without lock
9.5 cm



OS250.02
for foldable IOLs
9.5 cm



OS250.03
with notches for acrylic IOLs
9.5 cm

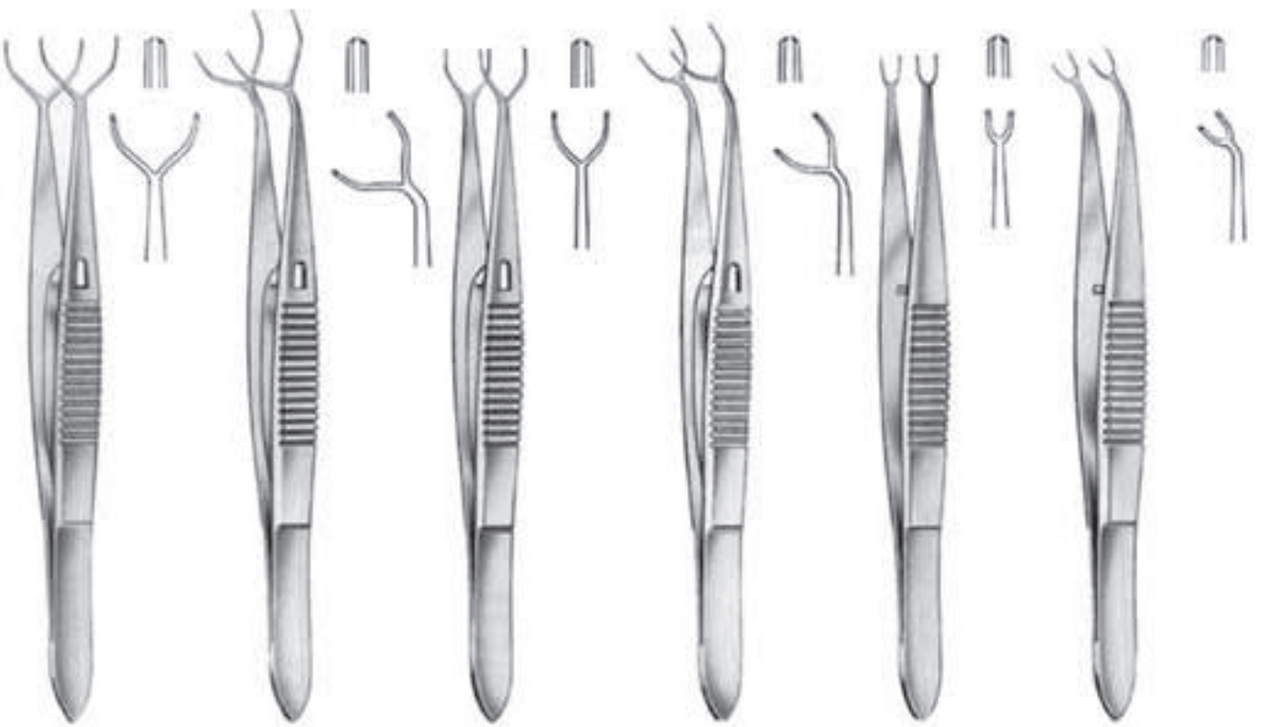


Arruga
OS249.10
10 cm/4"



Arruga
OS250.10
10 cm

Corneal Fixation Forceps



Kremer
OS252.10
10 cm/4"
0.12 mm

Kremer
OS253.10
10 cm/4"
0.12 mm

Arrowsmith
OS254.10
10 cm/4"
0.12 mm

Arrowsmith
OS255.10
10 cm/4"
0.12 mm

Bores
OS256.10
10 cm/4"
0.12 mm

Rubman-Bros
OS257.10
10 cm/4"
0.12 mm



Without Spring Catch
OS258.11

With Spring Catch
OS259.11

Graefe
11 cm/4½"



2 : 3 Teeth

OS260.11
11 cm/4½"



2 : 3 Teeth

OS261.11
11 cm/4½"



Castroviejo
OS262.09
9 cm/3½"



Castroviejo
OS263.09
9 cm/3½"



BARRAQUER
OS263.10
10 cm



St.Martin
OS264.07
7 cm/2¾"



Elschnig
OS265.11
11.5 cm/4½"



Elschnig
OS266.11
11.5 cm/4½"



Barraquer
OS267.10
10 cm/4"



Green
10 cm/4"

Wide
05 mm
10 mm

Without Spring Catch
OS268.05
OS268.10

Wide
05 mm
10 mm

Without Spring Catch
OS269.05
OS269.10



OS270.11
12 cm/4¾"



OS271.12
12 cm/4¾"



Vannas
OS300.08
8 cm/3¼"
Straight



Vannas
OS301.08
8 cm/3¼"
Curved



Vannas
OS302.08
8 cm/3¼"
Angular



Vannas
OS303.08
8 cm/3¼"
Angular



OS304.08
8.5 cm/3¼"
Straight



OS305.08
8.5 cm/3¼"
Curved



OS306.08
8.5 cm/3¼"
Angular



OS307.08
8.5 cm/3¼"
Angular

Vannas Mod. Tubingen



OS308.10
10 cm/4"



OS309.10
10 cm/4"



Castroviejo
OS310.10
10 cm/4"



Castroviejo
OS311.10
10 cm/4"



Aebil
OS312.10
10 cm/4"



Castroviejo
OS313.10
10 cm/4"
Right



Castroviejo
OS314.10
10 cm/4"
Left



Troutman-Barraquer
OS315.10
10 cm/4"
Right



Troutman-Barraquer
OS316.10
10 cm/4"
Left



Castroviejo
OS317.10
10 cm/4"



Castroviejo
OS318.10
10 cm/4"



Castroviejo
OS319.10
11.5 cm/4½"



Castroviejo
OS320.11
11.5 cm/4½"



Troutmann-Castroviejo
OS321.10
10.5 cm/4¼"



Troutmann-Castroviejo
OS322.10
10.5 cm/4¼"



14.5 cm/5¾"
18.0 cm7"

Straight
OS323.14 14 cm
OS323.18 18 cm

Curved
OS324.14 14 cm
OS324.18 18 cm



Troutman
OS325.10
10 cm/4"



Troutman
OS326.10
10 cm/4"



Katzin-Barraquer
OS327.10
10 cm/4"



Katzin-Barraquer
OS328.10
10 cm/4"



Katzin
OS329.10
10 cm/4"



Katzin
OS330.10
10 cm/4"



Katzin
OS331.11
11.5 cm/4½"



Westcott
OS332.11
11.5 cm/4½"



Westcott
OS333.11
11.5 cm/4½"



Noyes
Fig. 1 **OS334.01**
Fig. 2 **OS334.02**
Fig. 3 **OS334.03**
12 cm/4¾"

Fig. 1

Fig.2

Fig.3



Noyes
OS335.12
12 cm/4¾"





OS336.02



OS336.03

Wecker
OS336.01
11.5 cm/4½"



Barraquer
OS337.05
5.5 cm/2¼"



OS338.08
9 cm/3½"



OS339.09



OS340.09



OS341.09



OS342.09



OS343.09



1/1

OS350.01 **OS350.02** **OS350.03** **OS350.04** **OS350.05** **OS350.06**

1/1

OS351.01 **OS351.02** **OS351.03** **OS351.04** **OS351.05** **OS351.06**



1/1

Graefe

OS352.01 **OS352.02** **OS352.03** **OS352.04** **OS352.05** **OS352.06**

1/1

Graefe-Arruga

OS353.01 **OS353.02** **OS353.03** **OS353.04**

Deutschemann

OS354.13

Wheeler

OS355.13



Jaeger
OS.356.01



1/1
OS356.02



OS356.03



OS356.04



OS357.01



OS357.02



OS357.03



OS357.04



OS358.01



OS358.02



OS358.03



OS358.04



Jaeger-Grieshaber

OS359.01 **OS359.02** **OS359.03** **OS359.04**



Jaeger-Grieshaber

OS360.01 **OS360.02** **OS360.03** **OS360.04**



Wessely-Grieshaber

OS361.01 4 mm
OS361.02 5 mm
OS361.03 6 mm
OS361.04 7 mm



Wiener
OS362.13

Berens
OS363.13



Past
OS364.13



Castroviejo
OS365.13



Castroviejo
OS366.01
9 cm/3½"



Castroviejo
OS366.02
9 cm/3½"



Castroviejo
OS366.03
9 cm/3½"



Mod. Hamburg
OS367.12



1/1

Graefe
OS368.13



1/1

OS369.01

Weber
OS369.02

OS369.03



1/1

Bowman
OS370.04
0.4 mm



Bowman
OS370.05
0.5 mm



Bowman
OS370.06
0.6 mm



Bowman
OS370.07
0.7 mm

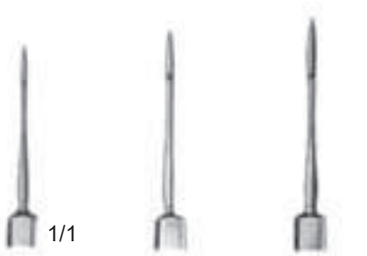


Bowman
OS370.08
0.8 mm



1/1

Left Bowman Right
OS371.01 **OS371.02**



1/1

OS372.01

Knapp
OS372.02

OS372.03



1/1

OS373.04
5 mm

Ziegler
OS373.06
6 mm

OS373.07
7 mm



Dean
OS374.13
13 cm/5"



1/1

Ziegler
OS375.11
3½mm



Sato
OS376.11



Sichel
OS377.12



Gdaefe
OS378.12



Gdaefe
OS379.13



1/1

OS380.01



Kuhnt
OS380.02



OS380.03



OS380.04



Paton
OS385.12



Elsching
OS386.13



1/1

Took
OS.387.12



OS388.01



Desmarres
OS388.02



OS388.03



Gill
OS389.12


1/1

Anderson-Critchett
OS390.12



Lundsgaard
OS391.12



Guyton-Lundsgaard
OS392.12



Barken
OS393.12



Schele
OS394.12



Burch
OS395.12


1/1

OS396.12



OS397.12



OS398.12



OS399.12



OS400.12



OS401.12


1/1

Schweiz.Mod.
OS402.12



OS403.12



OS404.13



Levinson
OS405.13



Alvis
OS406.12



Francis
OS407.12


1/1

La Force
(Golf - Club)
OS408.12



Davis
OS409.13



Dix
OS410.13



Ellis
OS411.11



Plango
OS412.12



Nicati
OS413.12



Walton
OS414.12



Walton
OS415.12



Meyer
OS416.12



Green
OS417.13



Rollet
OS418.12


1/1

Graefe
OS419.13



Graefe
OS420.19



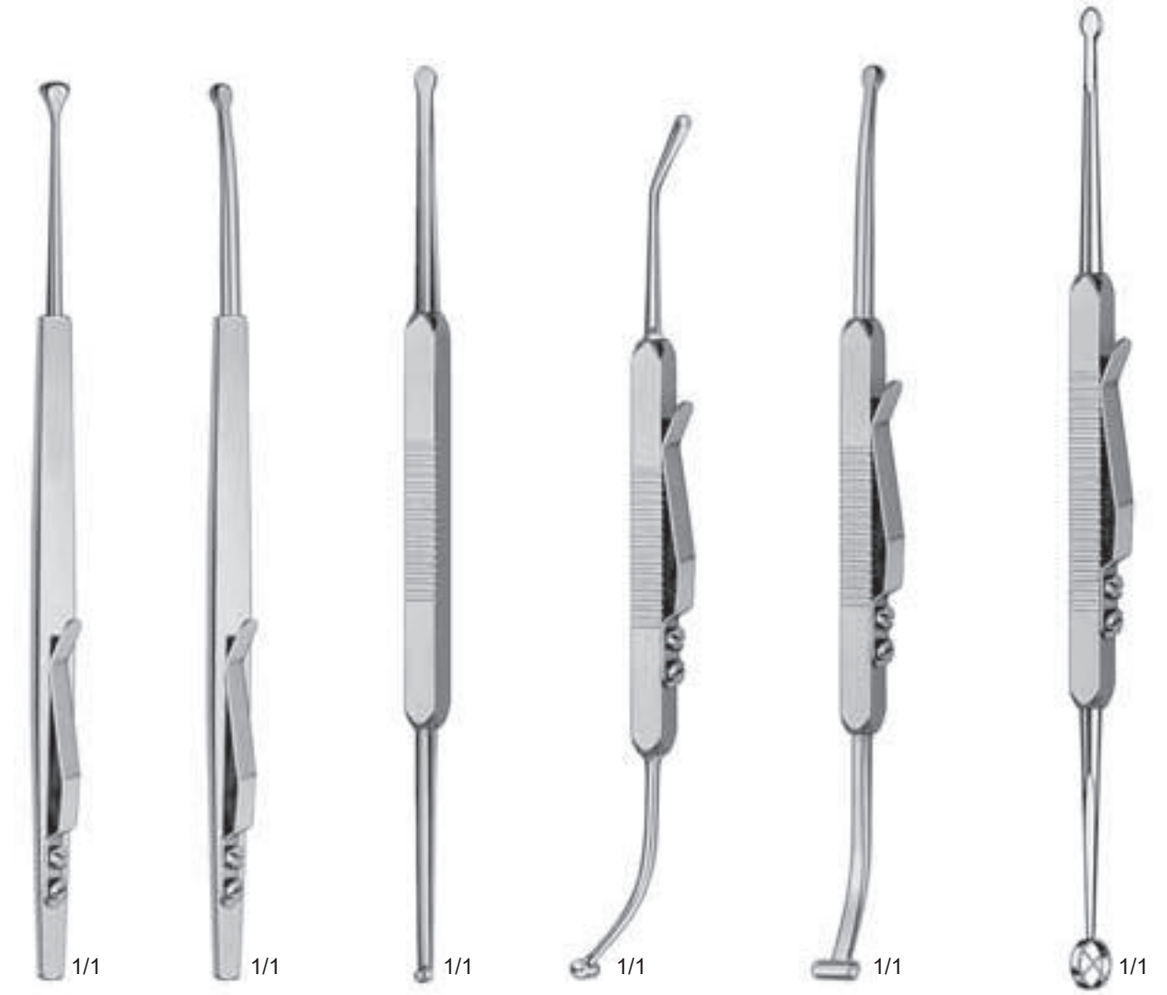
Graefe
OS421.13



Becker
Malleable
OS422.13



Tuebingen
OS423.13



LUCKE
OS423.01

LAQUA
OS423.02

LAQUA
OS423.03

KREISSIG
OS423.04

OS423.05

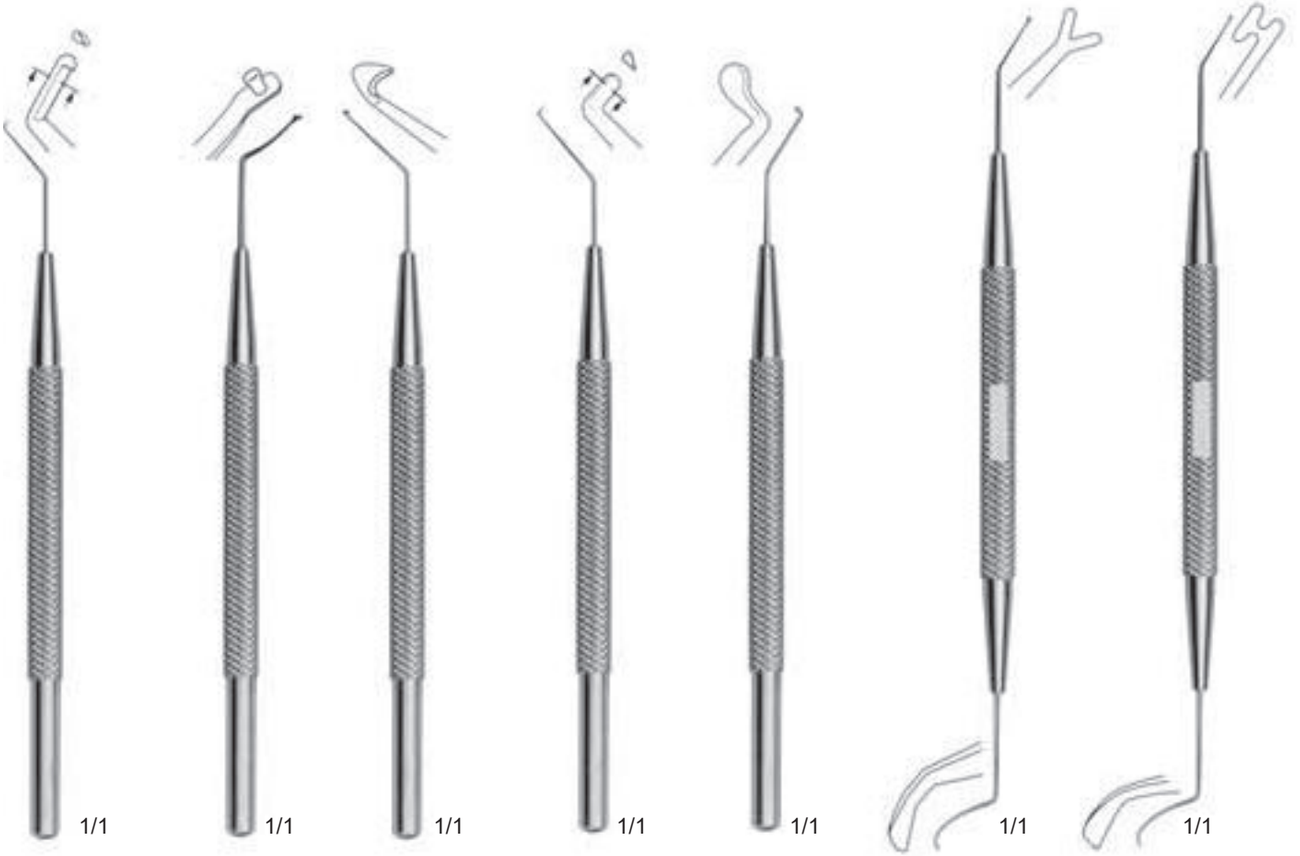
FOERSTER
OS423.06



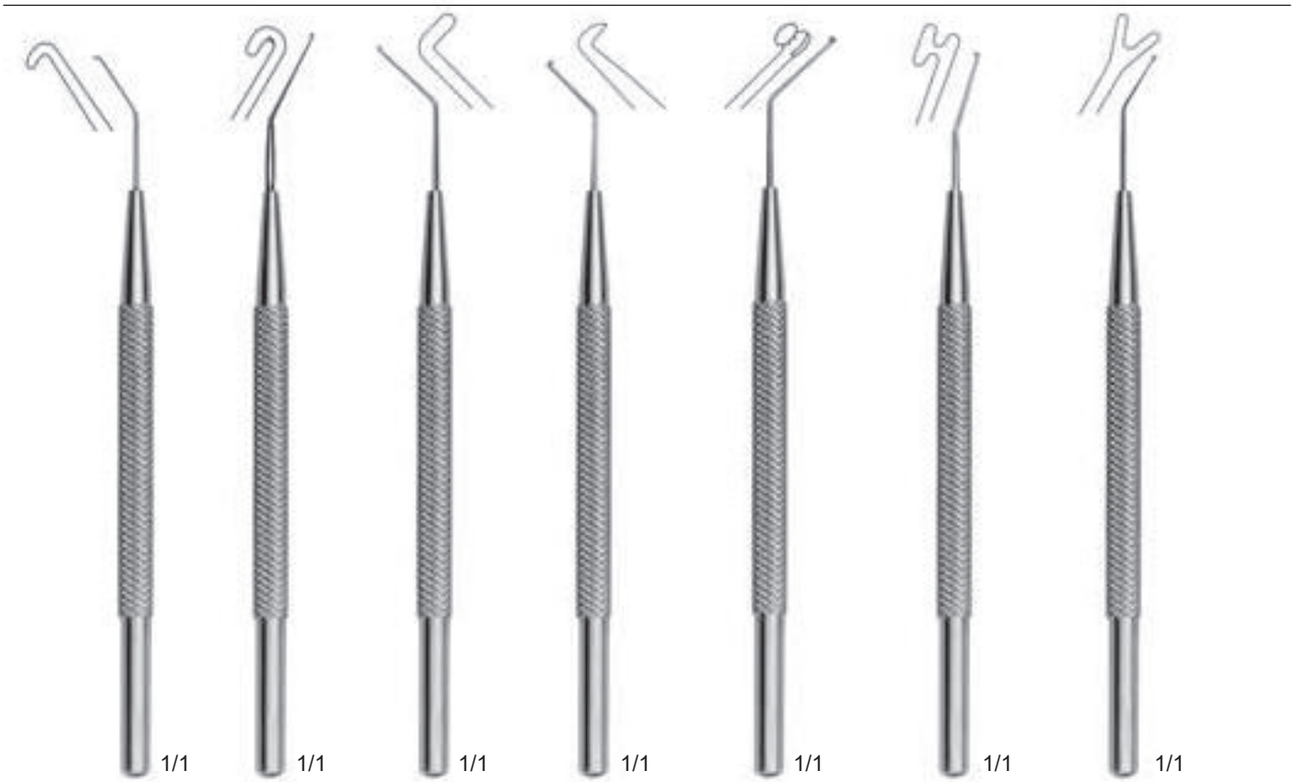
OS423.07
with teeth



OS423.08
serrated



NAGAHARA **OS424.01** | LESTER **OS424.02** | HAEFLIGER **OS424.03** | MIYOSHI **OS424.04** | LIEBERMANN **OS424.05** | THOMAS NEUHANN **OS424.06** | THOMAS NEUHANN **OS424.07**



TANDOGAN **OS424.09** | BONN **OS424.11** | SINSKEY **OS424.12** | AGARWAL **OS424.13** | LUND **OS424.15** | DARDENNE **OS424.16** | NEUHANN **OS424.17**

◄ Blunt ►



Mod. Bonn
OS424.14
14 cm/5½"



Hirschmann
Blunt
OS424.10



Graefe
Sharp
OS426.12



Graefe
Blunt
OS427.12



Knolle
OS428.01



Jeffe-Knolle
OS428.02



O' Connor
OS429.12



Wiener
Sharp
OS430.13
Blunt
OS431.13



Hirschmann
OS432.13



Graefe
OS433.13



McGannen
OS434.13
13 cm/5"



Meyer-Schwickerath
OS435.13
13 cm/5"



Jaeger
OS436.01



Jaeger
OS436.02



Arruge
Left
OS437.01
Right
OS437.02



Jameson
OS438.12



Culler
OS439.12



Green
OS440.13



Guthrie
OS441.12



1/1

Guthrie
OS442.13



Berens
OS443.12



Knapp
Blunt
OS444.13



Rollet
Sharp
OS445.12



Rollet
OS446.12



Fink
Sharp
OS447.12



Right
OS448.01
Left
OS448.02

10.5 cm/4¼"



Knapp-Rollet
OS449.02





flexible
OS449.03 **OS449.04**



Schepens
OS450.13
13 cm/5"

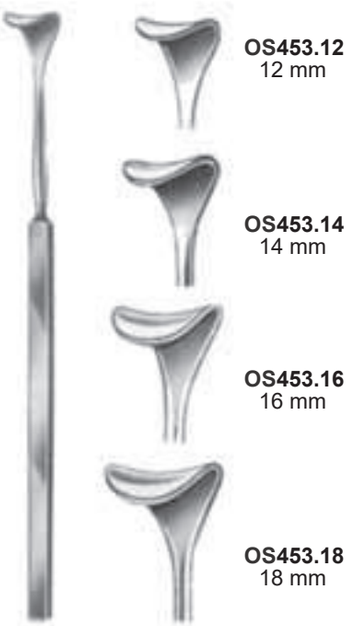


Desmarres
OS451.13
13 cm/5"



8 mm

Conway
OS452.13
13 cm/5"



OS453.12
12 mm

OS453.14
14 mm

OS453.16
16 mm

OS453.18
18 mm

Desmarres
13 cm

Lid Plate



Jaeger
OS453.11
11 cm



Sharp
OS454.14
Blunt
OS455.14
Axenfeld



Sharp
OS456.14
Blunt
OS457.14
Axenfeld



Paul
OS458.12



Sautter
OS459.01



Sautter
OS459.02



Sautter
OS459.03



Arruga
OS460.13



Stevens
OS461.14



Stevens
OS462.12



Graefe
OS463.01



Graefe
OS463.02



Graefe
OS463.03



Wecker
OS464.13



Wecker
OS465.13



Stock
OS466.13



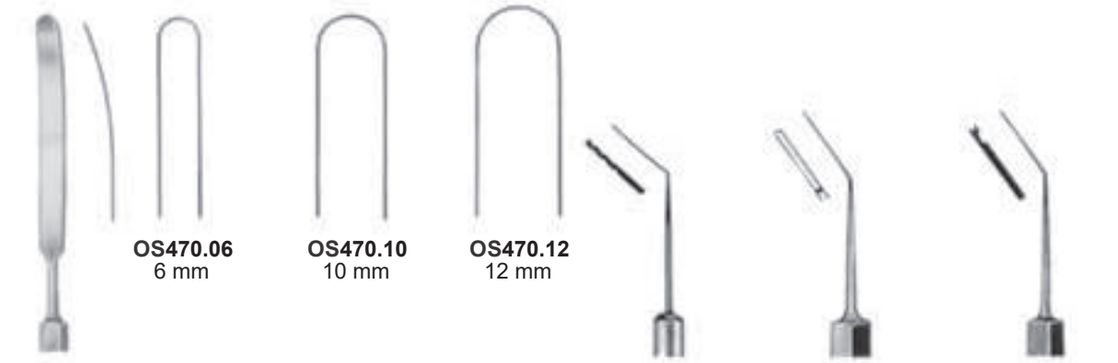
Stock
OS467.13



Culler
OS468.13



Suker
OS469.14



Bangerler

OS470.06
6 mm

OS470.10
10 mm

OS470.12
12 mm

Hirchman
OS471.14

Jaffe
OS472.14

Kwitko
OS473.14



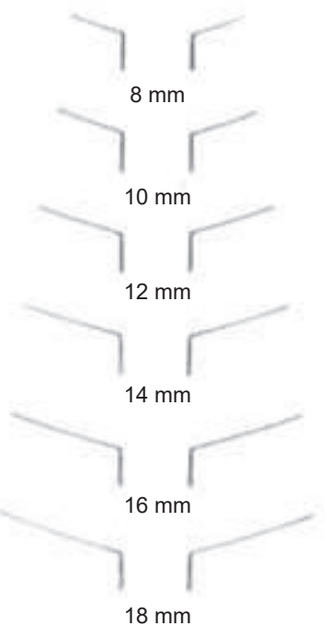
Elschnig
OS474.01
0.5 mm 1.0 mm

Castroviejo

OS475.10
10 mm

OS475.15
15 mm

Width of Spatula





Castroviejo-Barraquer

OS477.08	08 mm	**OS478.08**
OS477.10	10 mm	**OS478.10**
OS477.12	12 mm	**OS478.12**
OS477.14	14 mm	**OS478.14**
OS477.16	16 mm	**OS478.16**
OS477.18	18 mm	**OS478.18**

Enucleation Scoops

Small
OS479.20

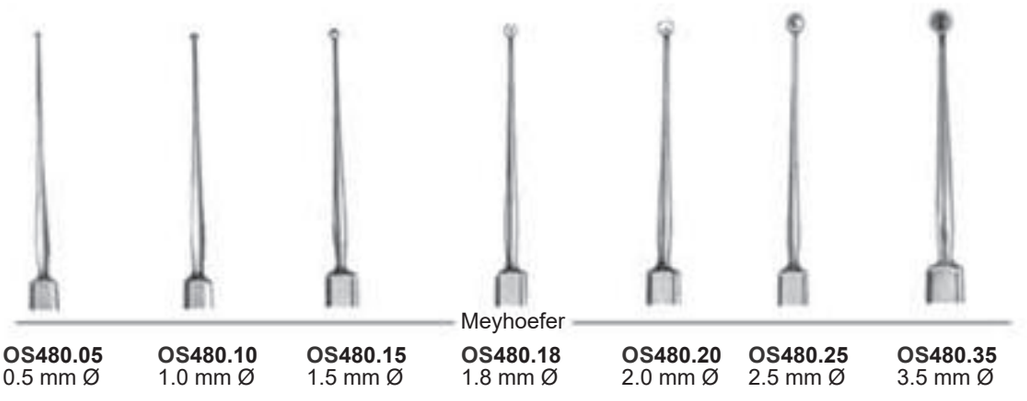


Large
OS479.21

Wellls

Chalazion Currettes





Meyhoefer

OS480.05	OS480.10	OS480.15	OS480.18	OS480.20	OS480.25	OS480.35
0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.0 mm Ø	2.5 mm Ø	3.5 mm Ø



Hebra

Meyhoefer OS480.40	Meyhoefer OS480.45	OS481.10	OS481.20	OS481.25	OS481.30	OS481.35
4.0 mm Ø	4.5 mm Ø	1.0 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø	3.5 mm Ø

Exenteration Scoops



Bunge

OS482.01 **OS482.02** **OS482.03** **OS482.04** **OS482.05**



Chalazion Currette, Double

Axenfeld
OS483.13
13 cm/5"



Lachrymal Sac Dissector

Lang
OS484.13
13 cm/5"



Castroviejo **OS485.09** cm/3½"
Castroviejo **OS486.09** 9.5 cm/3¾"
Troutman **OS487.13** 13 cm/5¼"
Lewis **OS489.14**
Lewis **OS489.13**
Weber **OS490.13**
Weber **OS490.14**
New Orleans **OS491.13**



Snellen **OS492.13**
Artt **OS493.13**
Hess **OS494.13**
Graefe **OS495.01**
Graefe **OS496.01**
Davlel **OS497.01**
Davlel **OS497.02**
Knapp **OS498.12**



Castroviejo

Castroviejo
Width of Spatula

	mm
OS499.05	0.50
OS499.07	0.75
OS499.10	1.00



Castroviejo
OS500.12



Wheeler
OS501.12



Lindner
OS502.13



Smith-Fisher
OS503.12



Green
OS504.12



Dix
OS505.01



Dix
OS505.02



Stille
OS506.01



Stille
OS506.02



OS507.12



Castroviejo
OS508.18
15 mm



Castroviejo
OS508.20
20 mm



Holtz
OS509.01



Haitz
OS509.02



West
OS510.16
16 cm/6¼"

West
OS511.16
16 cm/6¼"



Connin-Amsler
OS512.13
13 cm/5"

With Plan Handle



Wilder
OS513.01



Wilder
OS513.02



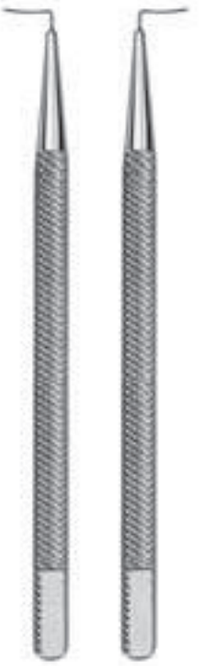
Wilder
OS513.03



Castroviejo
OS514.12



Muldon
OS515.10



MACKENSEN
radius 7.0 mm
right **OS515.01**
left **OS515.02**



GIESSEN MODEL
OS515.05



OS517.01



Harms
OS518.02

Bowman Fig.	
0000/0000	**OS519.04**
000/000	**OS519.03**
00/00	**OS519.02**
0/0	**OS519.01**
1/1	**OS519.11**
2/2	**OS519.22**
3/3	**OS519.33**
4/4	**OS519.44**
5/5	**OS519.55**
6/6	**OS519.66**
7/7	**OS519.77**
8/8	**OS519.88**



Bowman Fig.	
0000/0000	**OS520.04**
000/000	**OS520.03**
00/00	**OS520.02**
0/1	**OS520.01**
1/2	**OS520.12**
2/3	**OS520.23**
3/4	**OS520.34**
4/5	**OS520.45**
5/6	**OS520.56**
6/7	**OS520.67**
7/8	**OS520.78**



Bowman Fig.	
0000/0000	**OS521.04**
000/000	**OS521.03**
00/00	**OS521.02**
0/1	**OS521.01**
1/2	**OS521.12**
2/3	**OS521.23**
3/4	**OS521.34**
4/5	**OS521.45**
5/6	**OS521.56**
6/7	**OS521.67**
7/8	**OS521.78**





OS522.13 **OS523.13**

Needle Only
OS524.01

Chisel Only
OS524.02

Gouge Only
OS524.03



OS525.13

Instrumentation for D:B. Kirby Operations



OS526.10 Teeth
OS527.10 1:2 Teeth
OS528.10 2:3 Teeth



OS529.10
1:2



Kirby
OS530.10
10 cm/4"



Kirby
OS531.10
10 cm/4"



OS532.10



OS533.10



Woodruff
OS534.01
13 cm/5"



Woodruff
OS534.02
13 cm/5"



Jacobi
OS535.14
14 cm/5½"



OS535.01 with suture holes
OS535.02 with hook



OS536.01 = 3.0 x 3.5 mm
OS536.02 = 3.0 x 4.0 mm
OS536.03 = 3.0 x 4.5 mm
OS536.04 = 3.5 x 4.0 mm
OS536.05 = 3.5 x 4.5 mm
OS536.06 = 3.5 x 5.0 mm

Bores



OS537.01 = 2.75 mm
OS537.02 = 3.00 mm
OS537.03 = 3.25 mm
OS537.04 = 3.75 mm
OS537.05 = 4.00 mm
OS537.06 = 4.25 mm
OS537.07 = 4.50 mm
OS537.08 = 4.75 mm
OS537.09 = 5.00 mm
OS537.10 = 6.00 mm
OS537.11 = 8.00 mm

Bores



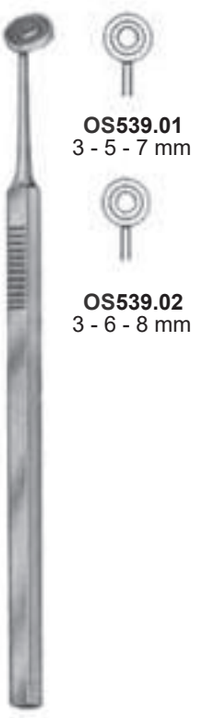
OS538.01 = 3.00 mm
OS538.02 = 3.25 mm
OS538.03 = 3.50 mm
OS538.04 = 3.75 mm
OS538.05 = 4.00 mm
OS538.06 = 4.25 mm
OS538.07 = 4.50 mm
OS538.08 = 4.75 mm
OS538.09 = 5.00 mm
OS538.10 = 5.50 mm
OS538.11 = 6.00 mm
OS538.12 = 7.00 mm
OS538.13 = 8.00 mm
OS538.14 = 9.00 mm
OS538.15 =11.00 mm

Hoffer



OS539.00
3 - 5 mm

Hoffer



OS539.01
3 - 5 - 7 mm

OS539.02
3 - 6 - 8 mm

Hoffer


1/1

OS550.01
ASPIRATING CANNULA
inside: 24 gauge / 0.55 mm
outside: 20 gauge / 0.9 mm


1/1

OS550.02
ASPIRATING CANNULA
20 gauge / 0.9 mm
tapered tube 3.5 mm
25 gauge / 0.5 mm


1/1

OS550.03
PFCL - CANNULA
20 gauge / 0.9 mm
tapered tube 3.5 mm
25 gauge / 0.5 mm


1/1

OS550.04
ASPIRATING CANNULA
lateral aspirating port 0.5 mm
20 gauge / 0.9 mm


1/1

OS550.05
JUNEMANN
LACRIMAL PROBE
CANNULA
to insert material
21 gauge / 0.80 x 35 mm


1/1

OS550.06
LACRIMAL CANNULA
conical, wide angle
stailess steel


1/1

OS550.07
HEALON CANNULA
21 gauge / 0.80 x 30 mm


1/1

OS550.08
ASPIRATING CANNULA
20 gauge / 0.9 mm
tapered tube 7.0 mm
3.5 mm angled
24 gauge / 0.60 mm


1/1

OS550.09
IRRIGATING VECTIS
CANNULA


1/1

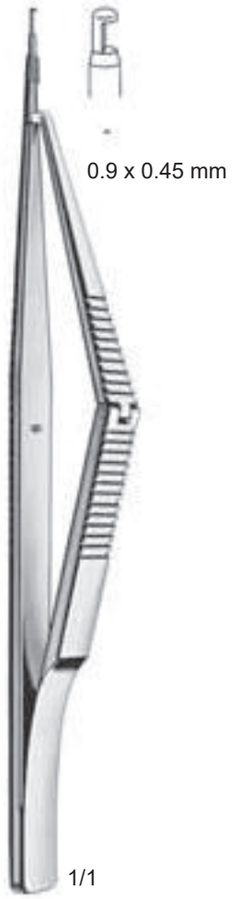
OS550.10
KLÖCKNER
EXPRESSOR CANNULA


1/1

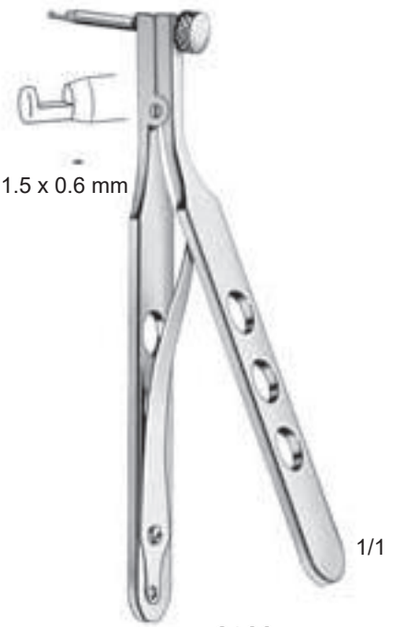
OS560.10
BRAUWEILER
IPRIGATING CANNULA
HANDPIECE


1/1

OS560.11
BRAUWEILER
IRRIGATING CANNULA
HANDPIECE



KELLY
OS570.01



GASS
OS570.02
with otable cuting head



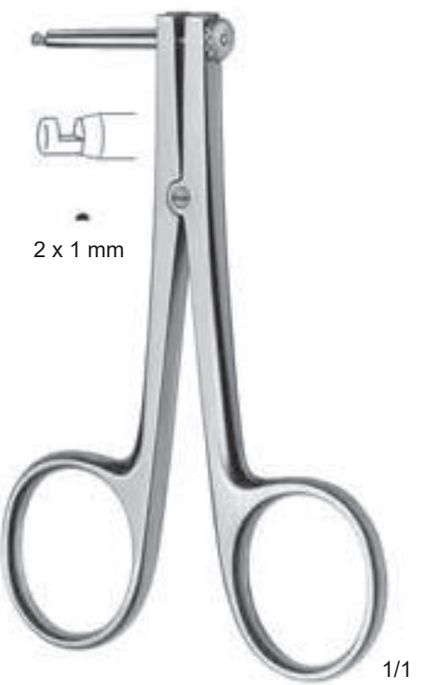
LUTZ-DODICK
OS570.03
with rotable cuting head



MOHR
OS570.04



GREHN
OS570.05
20 gauge / 0.90 mm



WALSER
OS570.06

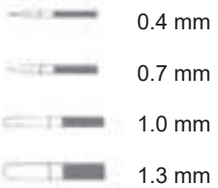
inside med

ES

ELECTRO SURGERY







İzoleli
İnsulated



ES100.00	0.4 mm	**ES100.08**	0.4 mm	**ES100.16**	0.4 mm	**ES.100.26**	0.7 mm
ES100.01	0.7 mm	**ES100.09**	0.7 mm	**ES100.17**	0.7 mm	25 cm	
ES100.02	1.0 mm	**ES100.10**	1.0 mm	**ES100.18**	1.0 mm		
ES100.03	1.3 mm	**ES100.11**	1.3 mm	**ES100.19**	1.3 mm		
14 cm		17.5 cm		21.5 cm			
ES100.04	0.4 mm	**ES100.12**	0.4 mm	**ES100.20**	0.4 mm		
ES100.05	0.7 mm	**ES 100.13**	0.7 mm	**ES100.21**	0.7 mm		
ES100.06	1.0 mm	**ES100.14**	1.0 mm	**ES100.22**	1.0 mm		
ES100.07	1.3 mm	**ES100.15**	1.3 mm	**ES100.23**	1.3 mm		
15.5 cm		19.5cm		23.5 cm			



İzoleli
İnsulated



ES101.01 0.7 mm
21.5 cm

İzoleli
İnsulated



ES102.00 0.4 mm

ES102.01 0.7 mm
21.5 cm

İzoleli
İnsulated



ES103.01 0.7 mm
21.5 cm





İzoleli
İnsulated



İzoleli
İnsulated

ES104.00 0.6 mm
ES104.01 0.9 mm
16 cm

ES104.03 0.9 mm
20 cm

ES105.01 0.9 mm
16 cm

ES105.03 0.9 mm
20 cm







İzoleli
İnsulated

ES106.00 0.2 mm
ES106.01 0.5 mm
ES106.02 1.0 mm
ES106.03 2.0 mm
16.5 cm

ES106.08 0.2 mm
ES106.09 0.5 mm
ES106.10 1.0 mm
ES106.11 2.0 mm
22 cm

ES106.04 0.2 mm
ES106.05 0.5 mm
ES106.06 1.0 mm
ES106.07 2.0 mm
19.5 cm



İzolesiz
Non-İnsulated

ES107.01 0.9 mm
16 cm

ES107.04 0.9 mm
18.5 cm

ES107.07 0.9 mm
20 cm



ES108.01 0.9 mm
16 cm
İzolesiz/Non-İnsulated

ES109.01 0.8 mm
20 cm
İzoleli/İnsulated



İzolesiz
Non-Insulated



ES110.00 0.7 mm
20 cm

İzolesiz
Non-Insulated



ES111.00 0.7 mm
20 cm

İzolesiz
Non-Insulated



ES112.00 1.0 mm
21 cm





İzolesiz
Non-Insulated

ES113.00 0.7 mm
16 cm
İzolesiz/Non-Insulated

ES113.10 0.7 mm
16 cm
İzoleli/Insulated

ES113.01 1.0 mm
18.5 cm
İzolesiz/Non-Insulated

ES113.11 1.0 mm
18.5 cm
İzoleli/Insulated

ES113.02 1.0 mm
20 cm
İzolesiz/Non-Insulated

ES113.12 0.7 mm
20 cm
İzoleli/Insulated



İzoleli
Insulated

ES1000.05 0.5 mm
20 cm
İzoleli/Insulated

ES1000.08 0.5 mm
22 cm
İzoleli/Insulated

ES1000.04 0.75 mm
20 cm
İzoleli/Insulated

ES1000.07 0.75 mm
22 cm
İzoleli/Insulated

ES1000.06 1.2 mm
20 cm
İzoleli/Insulated

ES1000.12 1,2 mm
22 cm
İzoleli/Insulated

ES1000.10 1.5 mm
20 cm
İzoleli/Insulated

ES1000.12 1,5 mm
22 cm
İzoleli/Insulated

ES1000.11 2.0 mm
20 cm
İzoleli/Insulated



İzoleli
Insulated



ES114.00 1.0 mm
16.5 cm

ES114.02 1.0 mm
19.5 cm

ES114.04 1.0 mm
22 cm

İzoleli
Insulated



ES115.00 1.0 mm
16.5 cm

ES115.02 1.0 mm
19.5 cm

ES115.04 1.0 mm
22 cm

İzoleli
Insulated



ES116.00 1.0 mm
16 cm

ES116.02 1.0 mm
19 cm

ES116.04 1.0 mm
21.5 cm

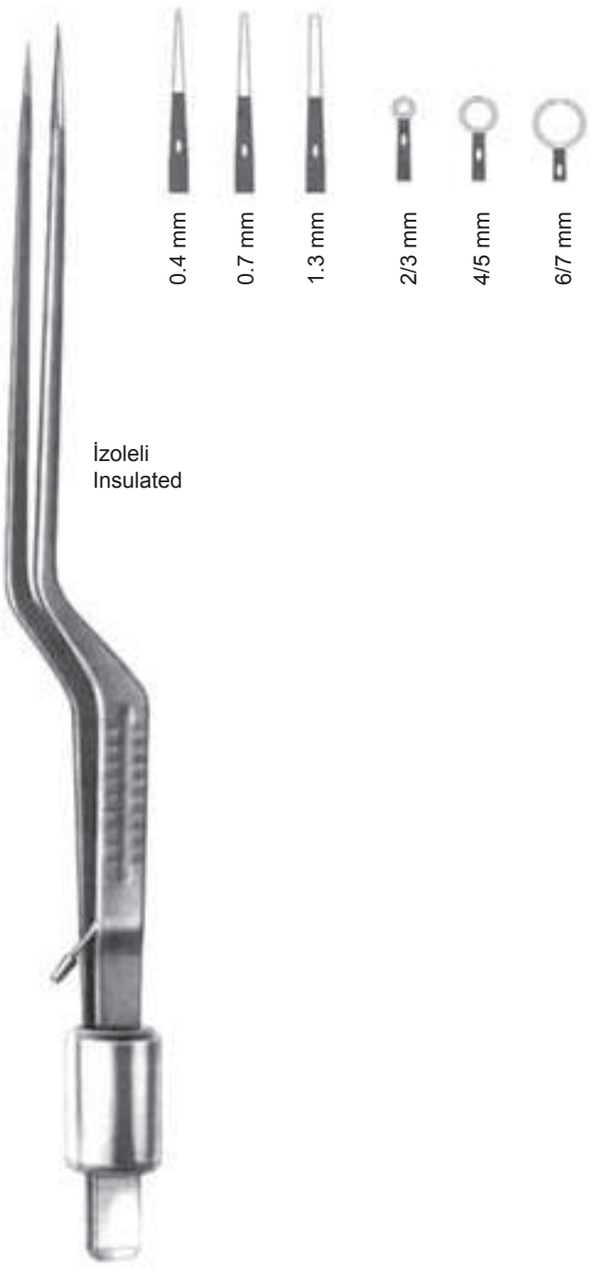
İzoleli
Insulated



ES117.00 1.0 mm
16 cm

ES117.02 1.0 mm
19 cm

ES117.04 1.0 mm
21.5 cm



İzoleli
Insulated

ES118.11 0.7 mm
16 cm

ES118.00 0.4 mm
ES118.01 0.7 mm
ES118.02 1.3 mm
18 cm

ES118.03 0.4 mm
ES118.04 0.7 mm
ES118.05 1.3 mm
20.5 cm

ES118.06 0.4 mm
ES118.07 0.7 mm
ES118.08 1.3 mm
23 cm

ES119.01 2/3 mm
ES119.03 4/5 mm
ES119.05 6/7 mm
23.5 cm



İzoleli
Insulated

ES120.00 2/3 mm
ES120.01 3/4 mm
ES120.02 4/5 mm
19.5 cm

ES121.00 2/3 mm
ES121.01 3/4 mm
ES121.02 4/5 mm
23.5 cm

INSULATED



ES122.11
11 cm
Sharp



ES123.11
11 cm
Blunt



ES124.11
11 cm
Sharp



ES125.11
11 cm
Blunt



ES126.20
20 cm
Sharp



ES127.20
20 cm
Blunt



ES128.20
20 cm
Blunt



ES129.20
20 cm
Sharp



ES130.20
20 cm
Blunt



ES131.20
20 cm
Blunt



ES132.00 0.3 mm
14 cm

ES133.00 0.4 mm
12 cm

ES134.00 0.4 mm
12.5 cm

ES135.00 0.4 mm
14 cm

ES136.00
11.5 cm

ES137.00
12 cm



ES138.00
Oval kesme elekrodu
Cutting electrode
Boy/Lenght 30 mm
En/wide 3.5 mm



ES139.00
Açılı kesme elekrodu
Angled cutting electrode
Boy/Lenght 14 mm
En/wide 1.8 mm



ES140.00
Kesme elekrodu, hassas
Cutting electrode, delicate
25 mm



ES141.00
Bıçak elekrod
Knife electrode
25 mm



ES142.00
Bıçak elekrod
Knife electrode
18 mm



ES143.00
Plaka elekrod
Plate electrode



ES144.00
Halkalı elekrodu
Loop electrode
Ø 10 mm
Tel Ø 3 mm/Wire Ø 3 mm



ES145.00
Halkalı elekrodu
Loop electrode
Ø 15 mm



ES146.00
Açık Halkalı elekrodu
Angled Loop electrode
Ø 8 mm



ES147.00 Ø 2.5 mm
ES147.01 Ø 4 mm
ES147.02 Ø 6 mm
Küresel uçlu elektrodu
Ball point electrode



ES148.00 Ø 0.3 mm
ES148.01 Ø 0.5 mm
ES148.02 Ø 0.7 mm
İğne elektrodu
Needle electrode
25 cm



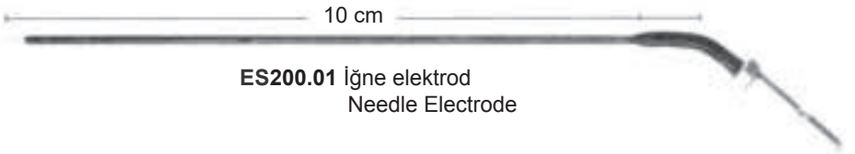
ES152.00
Kapaklı elekrot konteyneri
Container with lid for electrodes

ES153.00 Komple/Complete
ES149.00-ES152.00



ES149.00 Komple/Complete
Cerrahi elektrodlar - Surgical electrodes
Ø 4 mm

12 elektrodluk ray
Rack for 12 surgical electrodes



ES200.01 İğne elektrod
Needle Electrode



ES200.02 İğne elektrod
Needle Electrode



ES200.03 Bıçak elektrod
Knife Electrode



ES200.04 Halkalı elektrod
Wire Loop Electrode



ES200.05 Halkalı elektrod
Wire Loop Electrode



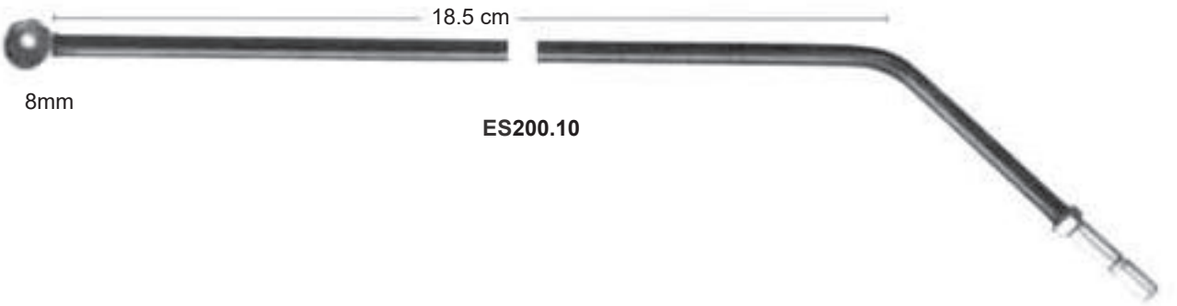
ES200.06 Halkalı elektrod
Wire Loop Electrode
10x10 mm



ES200.07 Halkalı elektrod
Wire Loop Electrode
15x15 mm



ES200.08 Halkalı elektrod
Wire Loop Electrode
20x20 mm



ES200.10



ES200.11



ES200.12



ES200.13



ES200.14

ES201.00
Elektrod Tutucusu
Electro holder



ES202.00
Bipolar Kordon
Bipolar Cordr
2 mt.



ES1000.09
Bipolar Kordon
Bipolar Cordr
3.6 mt.



inside ed

SPECIFIC RETRACTORS



BOOKWALTER

SR209.03	Komple/Complete
SR209.05	1 Adet/1 Each
SR209.08	1 Adet/1 Each
SR209.10	1 Adet/1 Each
SR209.15	1 Adet/1 Each
SR209.17	4 Adet/4 Each
SR209.18	4 Adet/4 Each
SR209.26	1 Adet/1 Each
SR209.27	1 Adet/1 Each
SR209.28	1 Adet/1 Each
SR209.29	1 Adet/1 Each
SR209.70	2 Adet/2 Each
SR209.71	2 Adet/2 Each
SR209.72	2 Adet/2 Each
SR209.75	2 Adet/2 Each
SR209.76	2 Adet/2 Each
SR209.77	2 Adet/2 Each
SR209.80	2 Adet/2 Each
SR209.81	2 Adet/2 Each

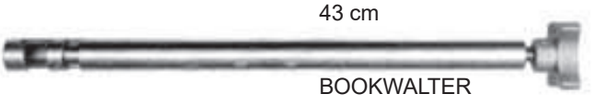


BOOKWALTER

SR209.00	Komple/Complete
SR209.05	1 adet/1 each
SR209.08	1 adet/1 each
SR209.15	1 adet/1 each
SR209.17	2 adet/2 each
SR209.18	2 adet/2 each
SR209.35	1 adet/1 each
SR209.36	1 adet/1 each
SR209.37	1 adet/1 each
SR209.45	1 adet/1 each
SR209.50	1 adet/1 each
SR209.51	1 adet/1 each
SR209.55	1 adet/1 each
SR209.56	1 adet/1 each
SR209.57	1 adet/1 each
SR209.58	1 adet/1 each
SR209.59	1 adet/1 each
SR209.60	1 adet/1 each



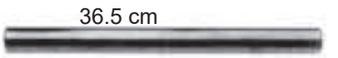
BOOKWALTER
SR209.05
43 cm



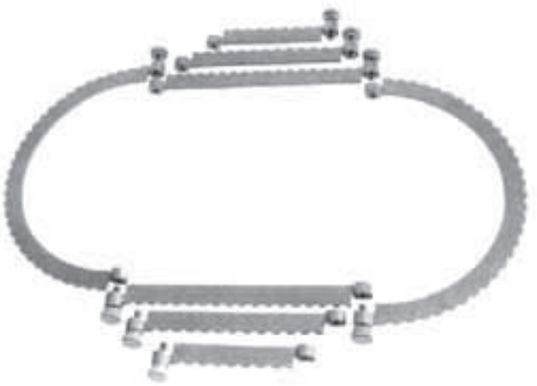
BOOKWALTER
SR209.08
36.5 cm



BOOKWALTER
SR209.10
360° dönebilir / 360° rotation
36.5 cm



BOOKWALTER
SR209.12
30.5 cm









SR209.26	Small Round Ring Segment 203 mm
SR209.27	Straight Ring Segment 101 mm
SR209.28	Straight Ring Segment 152 mm
SR209.29	Straight Ring Segment 203 mm

BOOKWALTER
SR209.17

BOOKWALTER
SR209.18

BOOKWALTER
SR209.15
25 mm sistem için
25 mm sisystem



BOOKWALTER
SR209.30 200 x 265 mm



BOOKWALTER
SR209.31 Ø 215 mm
SR209.32 Ø 265 mm
SR209.33 Ø 315 mm



BOOKWALTER
SR209.35 Ø 200 x 310mm
SR209.36 Ø 265 x 370 mm
SR209.37 Ø 265 x 470 mm



BOOKWALTER
SR209.40 Ø 215 x 255 mm
SR209.41 Ø 265 x 495 mm
SR209.42 Ø 315 x 495 mm



BOOKWALTER-BALFOUR
SR209.45 65 X 75 mm



MAGRINA-BOOKWALTER
SR209.47 25 X 90 mm
SR209.48 25 X 130 mm



BOOKWALTER-HERRINGTON
SR209.50 40 X 145 mm
SR209.51 65 X 145 mm



BOOKWALTER-KELLY
SR209.56 51 X 75 mm
SR209.58 53 X 102 mm
SR209.59 53 X 127 mm
SR209.60 53 X 150 mm



BOOKWALTER-KELLY
SR209.55 51 x 64mm
SR209.57 64 x 76**mm**



BOOKWALTER
SR209.85 75 mm
SR209.86 100 mm



BOOKWALTER
SR209.90 50 mm
SR209.91 40 mm
SR209.92 75 mm



BOOKWALTER
GELPI
SR209.95



SCOVILLE BOOKWALTER
SR209.80



SCOVILLE BOOKWALTER
SR209.81



BOOKWALTER
SR209.75
Skın Rake Retractor
17 x 20 mm



BOOKWALTER
SR209.76
Skın Rake Retractor
20 x 8.5 mm



BOOKWALTER
SR209.77
Skın Rake Retractor
25 x 8.5 mm



MEYERDING-BOOKWALTER
SR209.70
17x60 mm



MEYERDING
SR209.71
25x85 mm



MEYERDING
SR209.72
50x95 mm



MAGRINA-BOOKWALTER
SR209.62
25x75 mm



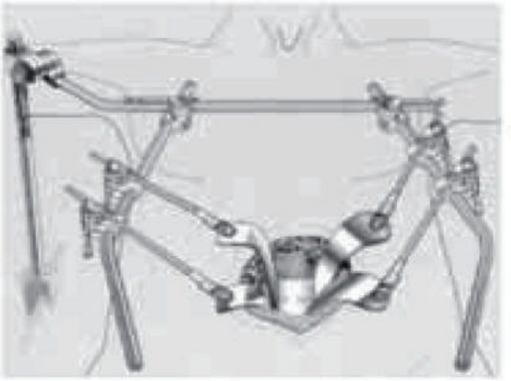
BOOKWALTER
SR209.64
25x115 mm



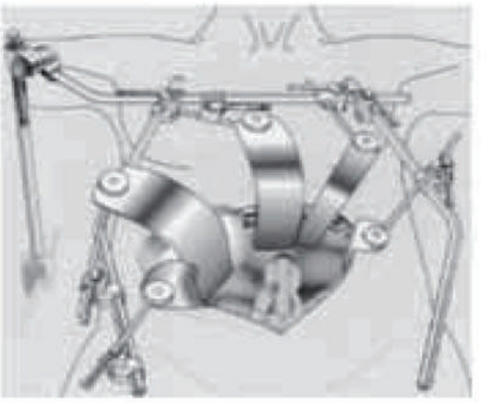
SR307.00
COLON/RECTAL RETRACTOR SET
Includes
SR300.02, SR300.04, SR300.06x2
SR302.02x3, SR305.81x2,
SR301.01
SR306.17



SR310.00
PERINEAL RETRACTOR SET
Includes
SR300.02, SR300.04, SR300.21,
SR302.02x3 SR301.01, SR306.15,
SR305.50x2



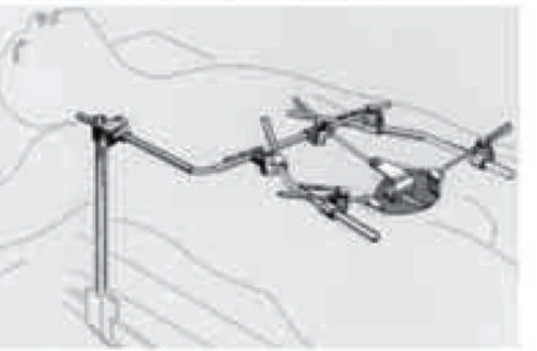
SR308.00
ANTERIOR LUMBAR FUSION SET
Includes
SR300.02, SR300.04, SR300.06x2
SR302.02x4, SR303.73x2,
SR303.77x2 SR301.02x4



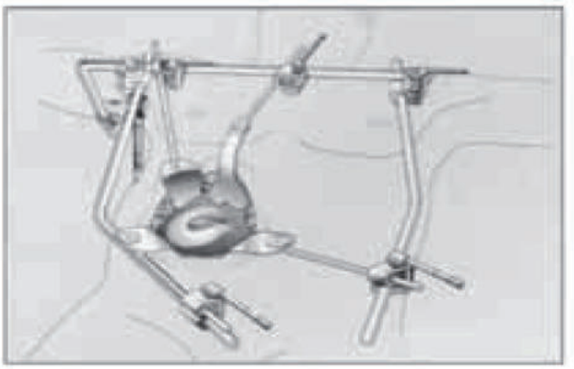
SR311.00
GENERAL/VASCULAR RETRACTOR SET
Includes
SR300.02, SR300.04, SR300.06x2
SR302.02x5, SR301.01x5, SR306.22,
SR306.15 SR306.36, SR306.34, SR306.31



SR309.00
MINI INCISION UROLOGY SET
Includes
SR300.02, SR300.04, SR300.06x2
SR302.02x4, SR301.01x4,
SR306.15x4



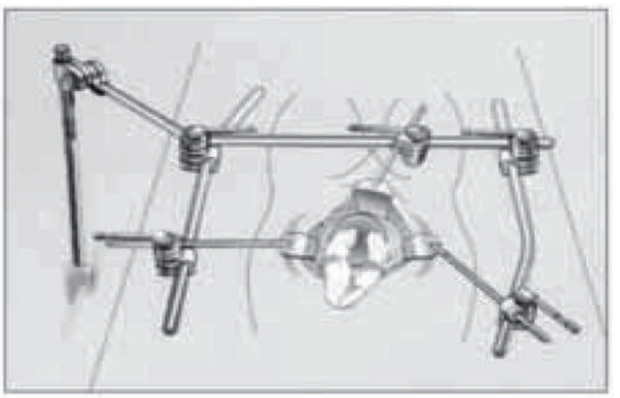
SR312.00
ABDOMINAL UROLOGIC RETRACTOR SET
(for retropubic prostatectomy)
Includes
SR300.02, SR300.04, SR300.06x2
SR302.02x3, SR305.81x2,
SR301.01,SR306.01



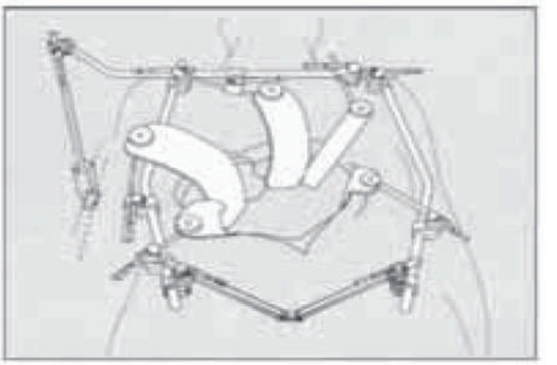
SR313.00
GENERAL RETRACTOR SET
Includes
SR300.02, SR300.11, SR302.01x2,
SR302.02x4 SR305.07, SR301.01x3
SR306.07, SR306.26x2



SR314.00
OBESITY BLADE SET
Includes
SR300.02x2, SR300.05, SR300.06x2, SR302.02x6
SR301.01x6, SR306.21x4 SR306.30, SR306.07



SR315.00
PEDIATRIC RETRACTOR SET
Includes
SR300.02, SR300.04, SR300.06x2,
SR302.02x3 SR305.07, SR305.25x2



SR316.00
ACCESSORY FRAME SET Includes

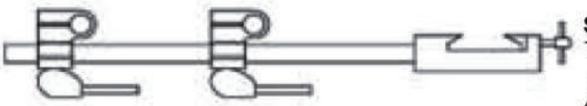
SR300.02, SR300.04, SR300.06x2 SR302.02x5
SR301.01x5, SR306.22, SR306.15, SR306.36,
SR306.34,SR306.31,SR300.30,SR302.01x2



SR317.00
MULTI-LEVEL POSTERIOR LUMBAR SET
Includes
SR300.02, SR300.04, SR300.06x2, SR302.03x4
SR301.03x4, SR303.31x4, SR302.04, SR306.50



SR318.00
ANTERIOR CERVICAL RETRACTOR SET
Includes
SR300.02, SR300.04, SR300.06x2,
SR302.02x5 SR301.02x5, SR303.74,
SR304.07x3, SR303.08



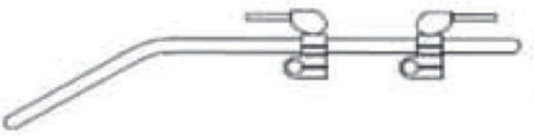
SR300.01
Thompson Frame
with 2 joint
45 cm



SR300.02
Thompson Frame
with 1 joint
45 cm



SR300.03
Upright Arm
50 cm



SR300.04
Cross Bar
54 cm



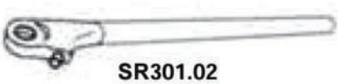
SR300.05
Cross Bar
54 cm



SR300.06
Cross Bar
54 cm



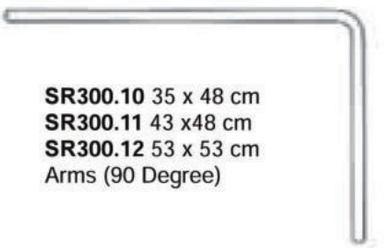
SR301.01
Rotatable Handles



SR301.02
Omni Adapter Handle



SR301.03
Bookwalter Adapter Handle



SR300.10 35 x 48 cm
SR300.11 43 x48 cm
SR300.12 53 x 53 cm
Arms (90 Degree)



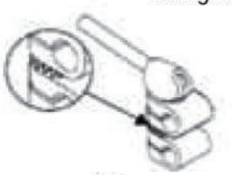
SR300.20 15 x 15 cm
SR300.21 20 x 25 cm
SR300.22 20 x 40 cm
SR300.23 27 x 33 cm
SR300.24 15 x **50 cm**
Angled Lateral **Arms**



SR300.30
Hinged
30 x 30 cm



SR300.31 30
cm **SR300.32**
50 cm
Straight Arms



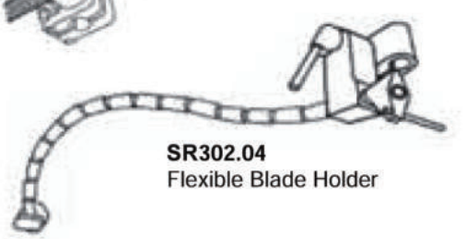
SR302.01
Frame Joint
(big/big)
Ø 14 x 14 mm
Cam Serrarted



SR302.02
Retractor Joint
(Big - Left)
Ø 14 x Ø 5 mm



SR302.03
Crank Hand



SR302.04
Flexible Blade Holder



Interchangeale Deaver Blades-Non Malleable
SR303.01 2.5 cm x 12.5 cm
SR303.02 3.8 cm x 12.5 cm
SR303.03 5 cm x 12.5 cm
SR303.04 6.4 cm x 12.5 cm
SR303.05 7.6 cm x 12.5 cm



Midiline Blades
SR303.06 1.5 cm x 5 cm Left
SR303.07 1.5 cm x 5 cm Right
SR303.08 2 cm x 5 Left
SR303.09 2 cm x 5 Right



Interchangeable Fence Blades
SR303.15 10 cm x 10 cm
SR303.16 10 cm x 12.5 cm
SR303.17 10 cm x 15 cm
SR303.18 10 cm x 20 cm



Interchangeable Harrington Blade
SR303.20 3.6 cm x 12.5 cm
SR303.21 6.4 cm x 15 cm
SR303.22 6.4 cm x 20 cm
SR303.23 6.4 cm x 25 cm
SR303.24 11.4 cm x 25 cm



Concave Lateral Blade
SR303.30 2 cm x 5.5 cm
SR303.31 2.5 cm x 5 cm
SR303.32 2.5 cm x 6 cm



Tongue Depressor
SR303.33



Soft Plate Blades
SR303.35 1.5 cm x 12 cm
SR303.36 2.5 cm x 12 cm With Teeth



Soft Plate Blades
SR303.37 1.5 cm x 12 cm
SR303.38 2.5 cm x 12 cm



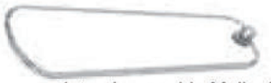
Prong Retractor
SR303.39 7.5 cm
SR303.40 10 cm



Predicle Blade
SR303.41 3.5 cm x 10 cm
SR303.42 3.5 cm x 15 cm
SR303.43 3.5 cm x 12.5 cm
SR303.44 6 cm x 10 cm
SR303.45 6 cm x 12.5 cm
SR303.46 6 cm x 15 cm



Toothhless Meyerding Blade
SR303.50 1.5 cm x 5 cm
SR303.51 1.5 cm x 7.5 cm
SR303.52 1.5 cm x 10 cm
SR303.53 2.5 cm x 6 cm
SR303.54 2.5 cm x 7.5 cm
SR303.55 2.5 cm x 10 cm
SR303.56 2.5 cm x 12.5 cm
SR303.57 5 cm x 6 cm
SR303.58 5 cm x 7.5 cm
SR303.59 5 cm x 10 cm
SR303.60 5 cm x 12.5 cm



Interchangeable Malleable Blades
SR303.61 1 cm x 8.5 cm
SR303.62 1.25 cm x 6.4 cm
SR303.63 1.25 cm x 15 cm
SR303.64 1.25 cm x 20 cm
SR303.65 2.5 cm x 10 cm
SR303.66 2.5 cm x 11 cm
SR303.67 2.5 cm x 20 cm
SR303.68 2.5 cm x 25 cm
SR303.69 2.5 cm x 12.5 cm
SR303.70 2.5 cm x 15 cm
SR303.71 3.8 cm x 10 cm
SR303.72 3.8 cm x 12.5 cm
SR303.73 3.8 cm x 15 cm
SR303.74 3.8 cm x 20 cm
SR303.75 3.8 cm x 25 cm
SR303.76 5 cm x 10 cm
SR303.77 5 cm x 20 cm
SR303.78 5 cm x 25 cm
SR303.79 6.4 cm x 25 cm
SR303.80 7.6 cm x 25 cm
SR303.81 10 cm x 25 cm



Interchangeable Malleable Finger Blade
SR303.82



Tapered Concave Blade
SR303.83 2 cm x 3.5 cm
SR303.84 2 cm x 4 cm
SR303.85 2 cm x 5.5 cm
SR303.86 5 cm x 5 cm
SR303.87 5 cm x 6.3 cm



Concave Medial Blade
SR303.88 1.3 cm x 5 cm
SR303.89 1.3 cm x 7.6 cm
SR303.90 1.3 cm x 10 cm
SR303.91 1.9 cm x 5 cm
SR303.92 1.9 cm x 7.6 cm
SR303.93 1.9 cm x 10 cm
SR303.94 2.5 cm x 5 cm
SR303.95 2.5 cm x 7.6 cm
SR303.96 2.5 cm x 10 cm
SR303.97 3 cm x 7 cm
SR303.98 4 cm x 7 cm
SR303.99 4 cm x 8.5 cm



Interchangeable Balfour Center Blades
SR304.01 2.5 cm x 2.5 cm
SR304.02 7 cm x 7.5 cm
SR304.03 8 cm x 7.5 cm



Radiolucent Splanchnich Blade (Aluminum)
SR304.05 2.5 cm x 15 cm
SR304.06 2.5 cm x 20 cm
SR304.07 5 cm x 12.75 cm
SR304.08 5 cm x 15 cm
SR304.09 5 cm x 20 cm



Interchangeable Murphy Rake Retractor
SR304.10 1.8 cm x 2.2 cm 3 prong-sharp
SR304.11 1.8 cm x 2.2 cm 3 prong-blunt
SR304.12 2.5 cm x 2.2 cm 4 prong-blunt



Interchangeable Hiil-Ferguson Rectal Retractor
SR304.15 2.5 cm x 6.4 cm
SR304.16 3.1 cm x 7.5 cm



Interchangeable Fenestrated Retractor
SR304.20 4.4 cm x 8.9 cm
SR304.21 4.6 cm x 12.5 cm



Interchangeable Kelly Blades
SR304.25 4 cm x 5 cm
SR304.26 5 cm x 6.3 **cm**
SR304.27 6.3 cm x 7.5 cm
SR304.28 7.5 cm x 8.8 cm



Interchangeable Renal Vein Blade-Malleable
SR304.30 2.5 cm x 20 cm



Interchangeable Splanchnich Blade
SR304.31 5 cm x 11.4 cm
SR304.32 5 cm x 15 cm



Interchangeable Richardson Retractors
SR304.35 5 cm x 10 cm
SR304.36 5 cm x 12.5 cm
SR304.37 5 cm x 15 cm
SR304.38 5 cm x 17.5 cm



Interchangeable St.Mark's Pelvic Blade
SR304.40 6.4 cm x 17.5 cm
SR304.41 6.4 cm x 13.9 cm



Interchangeable "Y" Bladder Retractor
SR304.42



Interchangeable Holtgrewe Blade
SR304.43 5.9 cm x 15 cm



Interchangeable Mini-Richardson
SR304.45 1.9 cm x 2.5 cm
SR304.46 1.5 cm x 5 cm
SR304.47 2.5 cm x 3 cm



Tapered Blade w/Teeth (Titanium)
SR304.50 4 **cm**
SR304.51 5 cm
SR304.52 6 cm



Army-Navy Blade
SR304.55 1 cm x 5.5cm
SR304.56 1 cm x 6 cm
SR304.57 1 cm x **7 cm**



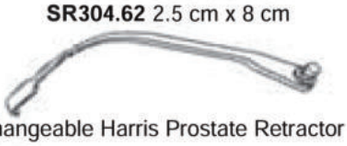
Concave Blade
SR304.58 1 cm x 7.5 cm



Richardson Blade
SR304.59 1.5 cm x 5 cm



Concave Lateral Blade w/Teeth (Titanium)
SR304.60 2 cm x 6 cm
SR304.61 2.5 cm x 7 cm
SR304.62 2.5 cm x 8 cm



Interchangeable Harris Prostate Retractor
SR304.65



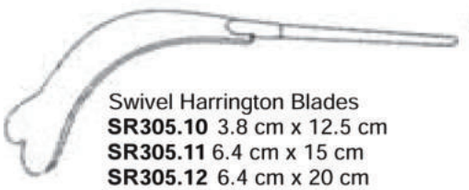
Allison Lung Retractor
SR304.70



Swivel Deawer Blades-Non Malleable
SR305.01 2.5 cm x 12.5 cm
SR305.02 3.8 cm x 12.5 cm
SR305.03 5 cm x 12.5cm
SR305.04 6.4 cm x 12.5 cm
SR305.05 7.6 cm x 12.5 cm



Swivel Fence Blades
SR305.06 10 cm x 10 cm
SR305.07 10 cm x 12.5 cm
SR305.08 10 cm x 15 cm
SR305.09 10 cm x 20 cm



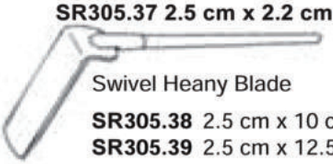
Swivel Harrington Blades
SR305.10 3.8 cm x 12.5 cm
SR305.11 6.4 cm x 15 cm
SR305.12 6.4 cm x 20 cm
SR305.13 6.4 cm x 25 cm
SR305.14 11.4 cm x 25 cm



Swivel Malleable Blades
SR305.15 1.25 cm x 6.4 cm
SR305.16 1.25 cm x 15 cm
SR305.17 1.25 cm x 20 cm
SR305.18 2.5 cm x 10 cm
SR305.19 2.5 cm x 12.5 cm
SR305.20 2.5 cm x 15 cm
SR305.21 2.5 cm x 20 cm
SR305.22 2.5 cm x 25 cm
SR305.23 3.8 cm x 10 cm
SR305.24 3.8 cm x 12.5 cm
SR305.25 3.8 cm x 15 cm
SR305.26 3.8 cm x 20 cm
SR305.27 3.8 cm x 25 cm
SR305.28 5 cm x 10 cm
SR305.29 5 cm x 20 cm
SR305.30 5 cm x 25 cm
SR305.31 6 cm x 25 cm
SR305.32 7.4 cm x 25 cm
SR305.33 10 cm x 25 cm



Swivel Murphy Rake Retractor
SR305.35 1.8 cm x 2.2 cm 3 prong-sharp
SR305.36 1.8 cm x 2.2 cm 3 prong-blunt
SR305.37 2.5 cm x 2.2 cm 4 prong-blunt



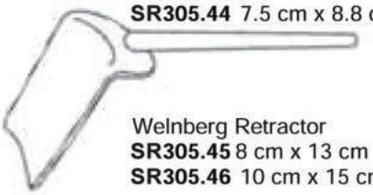
Swivel Heany Blade
SR305.38 2.5 cm x 10 cm
SR305.39 2.5 cm x 12.5 **cm**



Swivel Malleable Finger Blade
SR305.40



Kelly Blades
SR305.41 4 cm x 5 cm
SR305.42 5 cm x 6.3 cm
SR305.43 6.3 cm x 7.5 cm
SR305.44 7.5 cm x 8.8 cm



Welnberg Retractor
SR305.45 8 cm x 13 cm
SR305.46 10 cm x 15 cm



Deaver Blades-Non Malleable
SR305.47 5 cm x 12.5 cm
SR305.48 10 cm x 12.5 cm



Richardson Retractors
SR305.49 5 cm **x 12.5 cm**
SR305.50 5 **cm x 15 cm**



Swive Mini-Richardson
SR305.51 1.9 cm x 2.5 **cm**
SR305.52 1.5 cm x 5 cm
SR305.53 2.5 cm x 3 cm



Swive St.Mark's Pelvic Blade
SR305.54 6.4 cm x 17.5 cm
SR305.55 6.4 cm x 13.9 cm



Swive Richardscn Retractors
SR305.56 5 cm x 10 cm
SR305.57 5 cm x 12.5 cm
SR305.58 5 cm x 15 cm
SR305.59 5 cm x 17.5 cm



Renal vein retractor-Malleable
SR305.60



Mini-Richardson Retractors
SR305.61 1.9 cm x 2.5 cm
SR305.62 1.9 cm x 5 cm
SR305.63 2.5 cm x **3 cm**

Carotid Blades
SR305.65 2 cm x 2.5 **cm**
SR305.66 2.5 cm x **3 cm**



Balfour Center Blades (Mayo)
SR305.67 2.5 cm x 2.5 cm
SR305.68 7 cm x 7.5 cm
SR305.69 8 cm x 7.5 cm



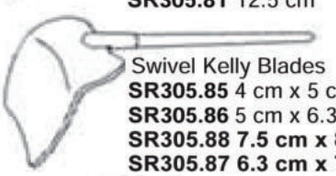
Swivel Balfour Center Blades (Mayo)
SR305.70 2.5 cm x 2.5 cm
SR305.71 7 cm x7.5cm
SR305.72 8 cm x 7.5 cm



Swivel Double Angled Retractor
SR305.75 1.25 cm x 6.4 cm
SR305.76 1.25 cm x 7.6 **cm**
SR305.77 2.5 cm x 6.4 cm
SR305.78 2.5 cm x7.6 cm



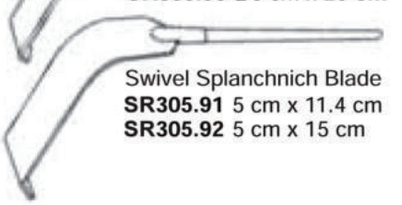
Swivel Fenestrated Retractor
SR305.80 8.9 cm
SR305.81 12.5 cm



Swivel Kelly Blades
SR305.85 4 cm x 5 cm
SR305.86 5 cm x 6.3 cm
SR305.88 7.5 cm x 8.8 cm
SR305.87 6.3 cm x 7.5 cm



Swivel Renal Vein Blade
Malleable
SR305.90 2 5 cm x 20 **cm**



Swivel Splanchnich Blade
SR305.91 5 cm x 11.4 cm
SR305.92 5 cm x 15 cm



Holtgrewe Blade
SR306.01 5.9 cm x 15 cm



Richardson Blade
SR306.15 5 cm x 10 cm
SR306.16 5 cm x 12.5 cm
SR306.17 5 cm x 15 cm



Malleable Blades
SR306.30 2.5 cm x **10 cm**
SR306.31 2.5 cm x **20 cm**
SR306.32 3.8 cm x 20 cm
SR306.33 5 cm x 10 cm
SR306.34 5 cm x 20 cm
SR306.35 6.4 cm x 25 cm
SR306.36 7.6 cm x 25 cm
SR306.37 10 cm x 25 cm



Harrington Blades
SR306.05 3.8 cm x 12.5 cm
SR306.06 6.4 cm x 15 cm
SR306.07 6.4 cm x 25 cm
SR306.08 11.4 cm x 25 cm



Balfour Center Blade
SR306.20 7 cm x 7.5 cm
SR306.21 8 cm x 7 cm
SR306.22 8.8 cm x 8.8 cm



Deaver Blades-Non Malleable
SR306.40 2.5 cm x 5



Renal Vein-Malleable Blades
SR306.10 2.5 cm x 20 cm



Malleable Finger Blade
SR306.11 15 cm



Fence Blades
SR306.25 10 cm x 10 cm
SR306.26 10 cm x 12.5 cm
SR306.27 10 cm x 15 cm
SR306.28 10 cm x 20 cm



St.Mark's Pelvic Blade
SR306.46 6.2 cm x 17.6 cm w lip
SR306.47 6.2 cm x 13.8 cm w lip



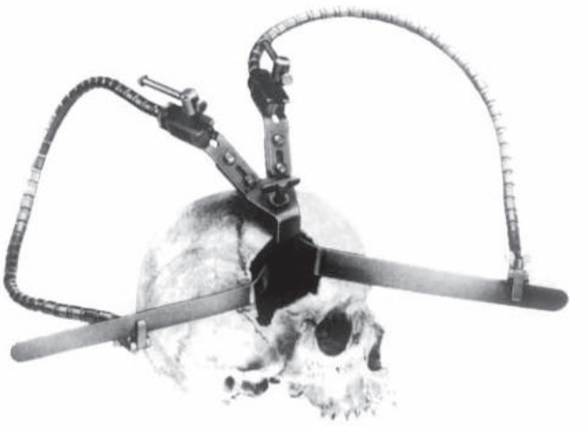
SR306.50
Used with Flexarm **SR**302.04



SR306.51
Used with Flexarm **SR**302.04



YASARGIL
SR400.00
Tek kollu komple otomatik beyin ekartörü
Self-retaining brain retractor, with 1 flexible arm, complete, consisting of:
SR400.11 Tespit elemanı/Fixation base
SR400.05 Yalnız esnek kol/Flexible arm only
SR400.15 Kaşık tutucu/Support for spatula



YASARGIL
SR400.01
Iki kollu komple otomatik beyin ekartörü
Self-retaining brain retractor, with 1 flexible arm, complete, consisting of:
SR400.12 Tespit elemanı (1 adet)/Fixation base (1 pcs)
SR400.05 Yalnız esnek kol (2 adet)/Flexible arm only (2 pcs)
SR400.15 Kaşık tutucu (2 adet)/Support for spatula (2 pcs)



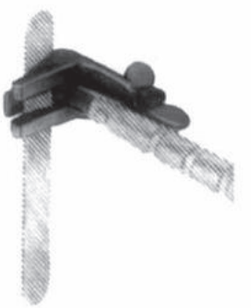
SR400.10
Tespit elemanı
Fixation base



YASARGIL
SR400.05
Yalnız esnek kol
Flexible arm only



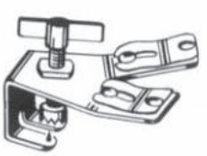
SR400.11
Tespit elemanı
Fixation base



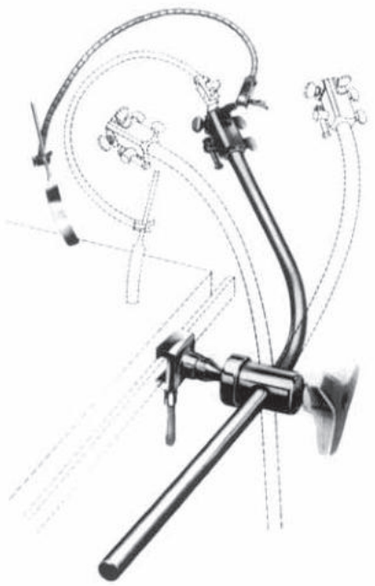
SR400.15
Kaşık tutucu/Support only



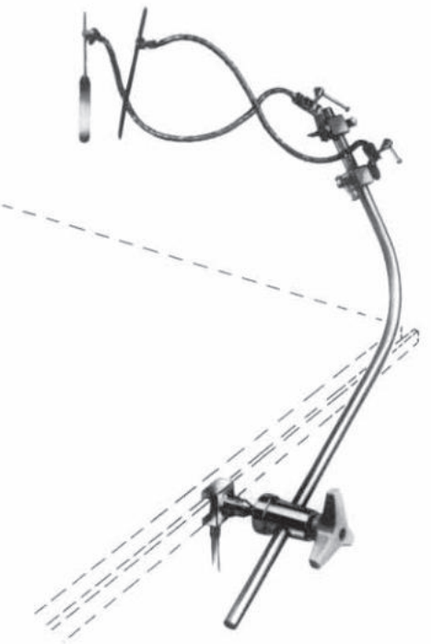
SR400.16
Kaşık tutucu/Support only



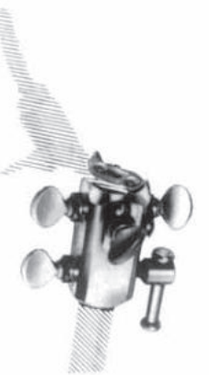
SR400.12
Tespit elemanı
Fixation base



SR400.20
SR400.32 Masa bağlantı mafsalı/Ball-and socket joint
SR400.35 Tutucu mil/Holding rod
SR400.30 Bağlantı başlığı/Coupling head
SR400.05 Yalnız esnek kol/Flexible arm only
SR400.16 Kaşık tutucu/Support for spatula



SR400.21
SR400.32 Masa bağlantı mafsalı/Ball-and socket joint
SR400.35 Tutucu mil/Holding rod
SR400.34 2 parçalı bağlantı başlığı/Coupling head (2 pcs)
SR400.05 Yalnız esnek kol/Flexible arm only (2 pcs)
SR400.15 Kaşık tutucu/Support for spatula
SR400.16 Kaşık tutucu/Support for spatula



SR400.30
Bağlantı başlığı
Coupling head



SR400.29
Masa bağlantı mafsalı
Joint for table fixation
9 x 32 mm

SR400.32
Masa bağlantı mafsalı
Joint for table fixation
10 x 25 mm



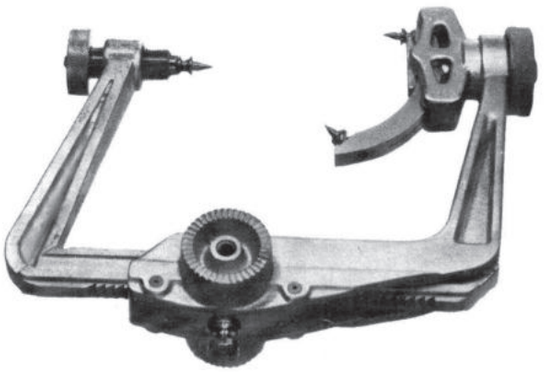
SR400.33
Döner bağlantı başlığı
Turnable coupling head



SR400.34
Döner bağlantı başlığı
Turnable coupling head



SR400.35
Tutucu mil
Holding rod



MAYFIELD
SR500.02
Kafa klempi/*Skull clamp*



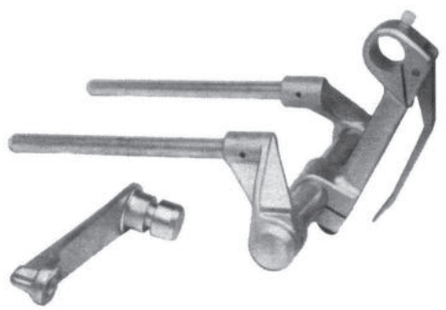
MAYFIELD
SR500.07
Büyükler için
Adult size



MAYFIELD
SR500.08
Çocuklar için
Child size



MAYFIELD
SR500.03
Masa bağlantı aparatı
Table fixation attachment



MAYFIELD
SR500.06
Masa bağlantı aparatı
Table fixation attachment

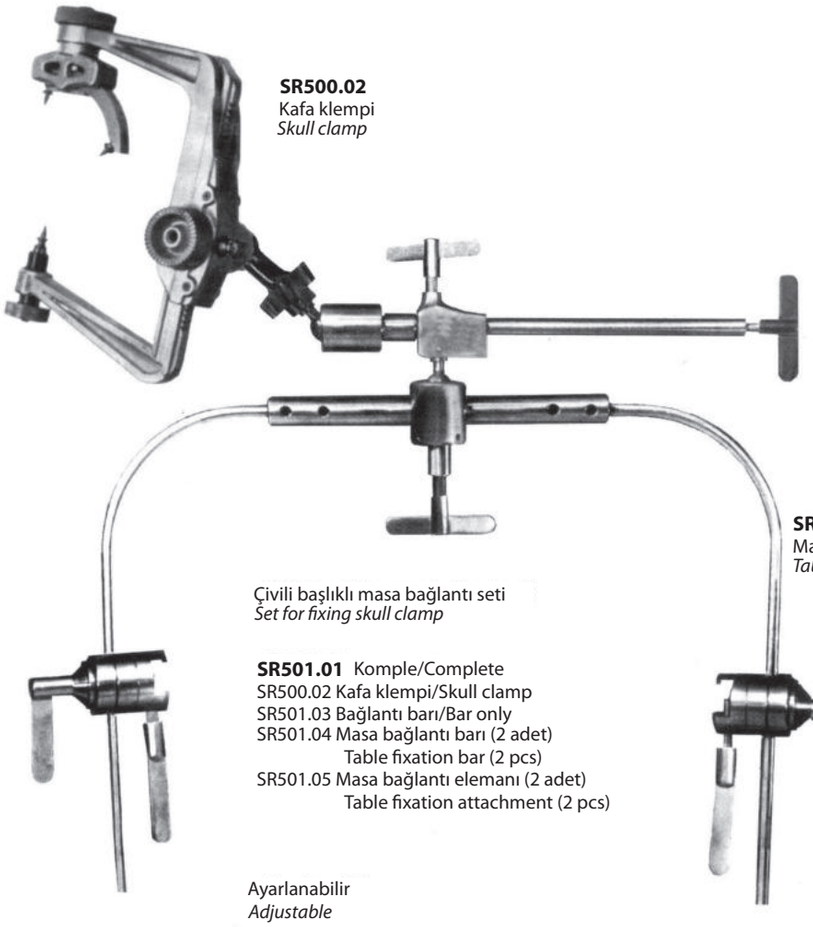
MAYFIELD
SR500.05
Masa bağlantı aparatı
Table fixation attachment



SHAMPAINE
SR500.09
Masa adaptörü
Table adaptor

Çivili başlıklı masa bağlantı seti
Set for fixing skull clamp

MAYFIELD
SR500.01 Komple/Complete
SR500.02 Kafa klempi/Skull clamp
SR500.03 Masa bağlantı barı (2 adet)/Table fixation bar (2 pcs)
SR500.05 Masa bağlantı aparatı/Table fixation attachment
SR500.06 Masa bağlantı aparatı/Table fixation attachment
SR501.05 Masa bağlantı elemanı (2 adet)/Table fixation attachment (2 pcs)



SR500.02
Kafa klempi
Skull clamp

SR501.03
Bağlantı barı
Bar only

SR501.04
Masa bağlantı barı
Table fixation bar

Çivili başlıklı masa bağlantı seti
Set for fixing skull clamp

SR501.01 Komple/Complete
SR500.02 Kafa klempi/Skull clamp
SR501.03 Bağlantı barı/Bar only
SR501.04 Masa bağlantı barı (2 adet)
Table fixation bar (2 pcs)
SR501.05 Masa bağlantı elemanı (2 adet)
Table fixation attachment (2 pcs)

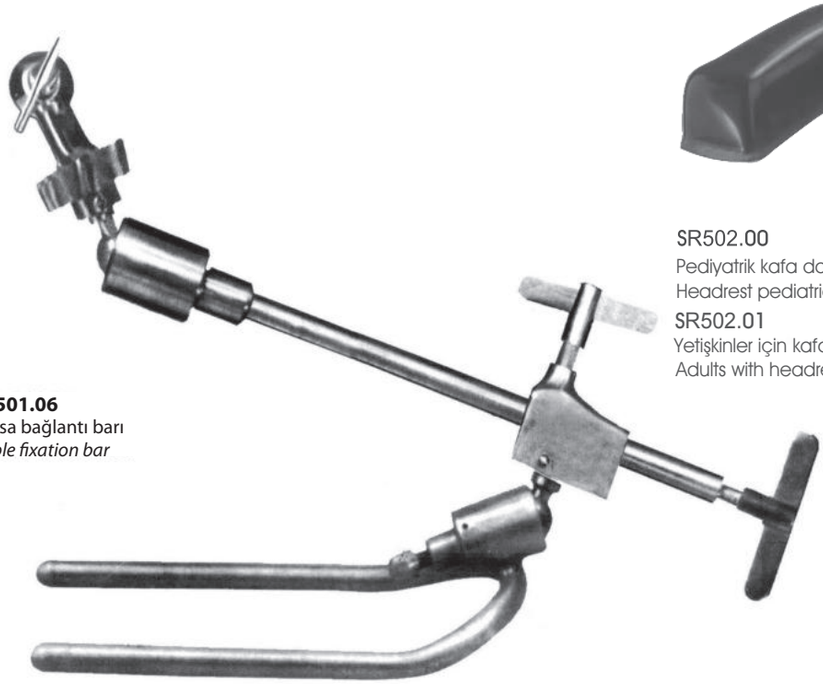
SR501.05
Masa bağlantı elemanı
Table fixation attachment

Ayarlanabilir
Adjustable



SR502.00
Pediyatrik kafa dayanağı uzatma çubuğu ile
Headrest pediatric with extension bar

SR502.01
Yetişkinler için kafa dayanağı uzatma çubuğu ile
Adults with headrest extension bar



SR501.06
Masa bağlantı barı
Table fixation bar

huk makas
hook scissors



AT100.01 2.7mm düz/straight
AT100.02 2.7 mm 30° sağ/right
AT100.02B 2.7 mm 45° sağ/right
AT100.03 2.7 mm 30° sol/left
AT100.03B 2.7 mm 45° sol/left
AT100.04 yukarı / up
AT100.05 aşağı down

AT100.01L 3.5 mm düz/straight
AT100.02L 3.5 mm 30° sağ/right
AT100.02BL 3.5 mm 45° sağ/right
AT100.03L 3.5 mm 30° sol/left
AT100.03BL 3.5 mm 45° sol/left

panç
punch



AT110.01
AT110.02
AT110.02B
AT110.03
AT110.03B
AT110.04 yukarı / up
AT110.05 aşağı down

AT110.01L
AT110.02L
AT110.02BL
AT110.03L
AT110.03BL
AT110.16 panç 90° 3 mm sağ
AT110.17 panç 90° 3 mm sol





Z1000.00
Komple/Complete
Yetişkinler ve çocuklar için
For adults and children

Z1000.04 18 cm
Yetişkinler için, büyük boy
For adults, large size



Z1000.03 18 cm
Yetişkinler için, orta boy
For adults, medium size



Z1000.02 18 cm
Gençler için, Küçük boy
For adolescents, small size



Z1000.01 13 cm
Çocuklar için
For children

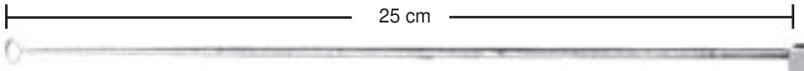






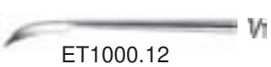
Z1000.06

25 cm





Z1000.05



ET1000.12



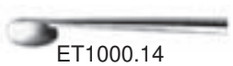
ET1000.16 90°
Künt/Blunt



ET1000.13



ET1000.17 30°
Geriye doğru eğri
Backwards curved



ET1000.14



ET1000.18



ET1000.15 45°
Ø 3.5 mm



ET1000.19
B 250.00 - B 250.06 için sap
Handle for use with Instruments B 250.00 - B 250.06



SI1000.02 Ø 3.5 mm 180 cm
SI1000.02B Ø 4.8 mm 250 cm
Fiber optik ışık taşıyıcı
Fiber optic light transmitter

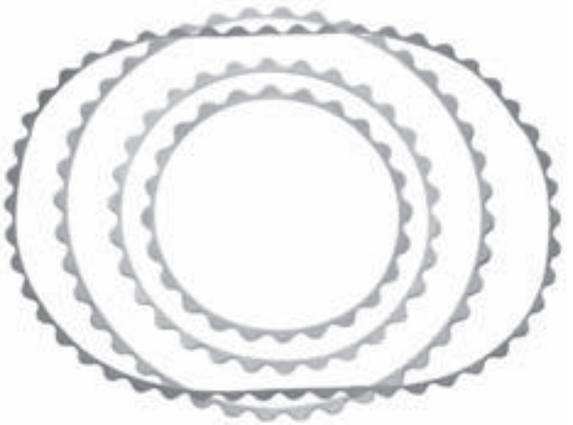
inside med

UPDATED SURGICAL INSTRUMENTS









FRAM E ONLY (ROUND)

GR1001.02A Ø 18 cm
GR1001.02B Ø 23 cm
GR1001.02C Ø 30.5 cm

FRAM E ONLY (OVAL)

GR1001.02O 457 x 330 mm



TURNER-WARWICK

GR1001.02 Komple/Complete
GR1001.02A 1 adet/1 each
GR1001.02C 1 adet/1 each
GR1001.02D 2 adet/2 each
GR1001.02E 2 adet/2 each
GR1001.02F 2 adet/2 each
GR1001.02G 2 adet/2 each
GR1001.02H 2 adet/2 each
GR1001.02I 2 adet/2 each
GR1001.02L 2 adet/2 each



GR1001.02D
13 mm



GR1001.02E
51 x 38 mm



GR1001.02F
76 x 60 mm



GR1001.02G
89 x 60 mm



GR1001.02H
114 x 60 mm



GR1001.02I
Bükülebilir/Malleable
76 x 19 mm



GR1001.02J
Bükülebilir/Malleable
102 x 38 mm



GR1001.02K
Bükülebilir/Malleable
89 x 57 mm



GR1001.02L
Bükülebilir/Malleable
114 x 57 mm



DOYEN

GR1000.90D	48 x 90 mm
GR1000.91D	48 x 105 mm
GR1000.92D	48 x 120 mm
GR1000.93D	48 x 135 mm

28 cm



ROCHARD

GR1000.90	48 x 90 mm
GR1000.91	48 x 105 mm
GR1000.92	48 x 120 mm
GR1000.93	48 x 135 mm
GR1000.94	48 x 155 mm

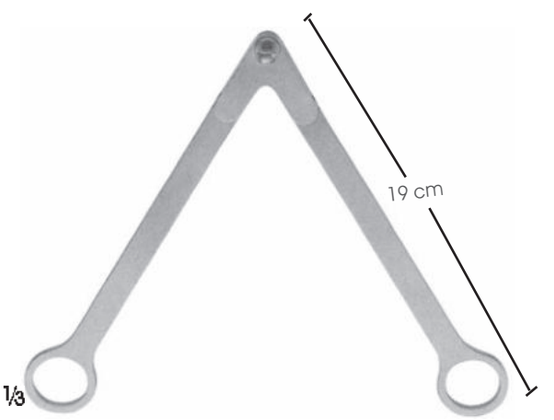
31 cm



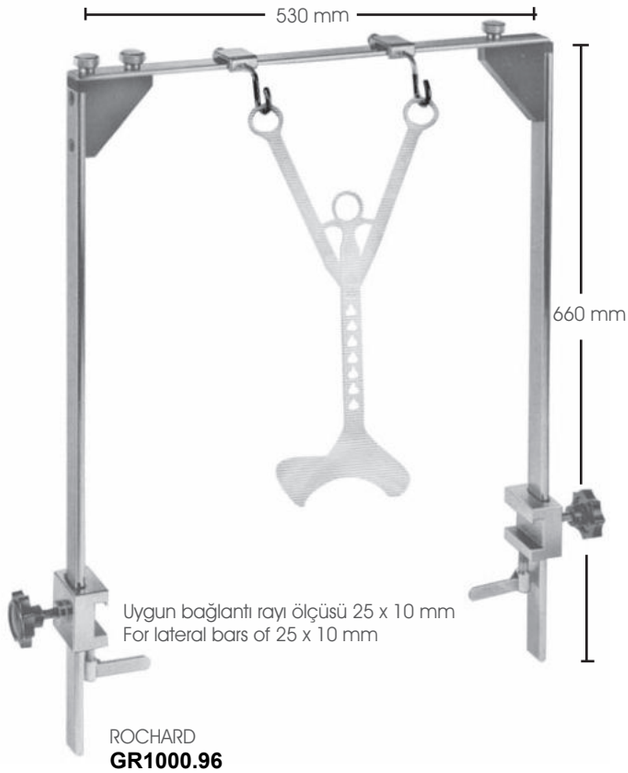
GR1000.90A
645 gr
79 cm



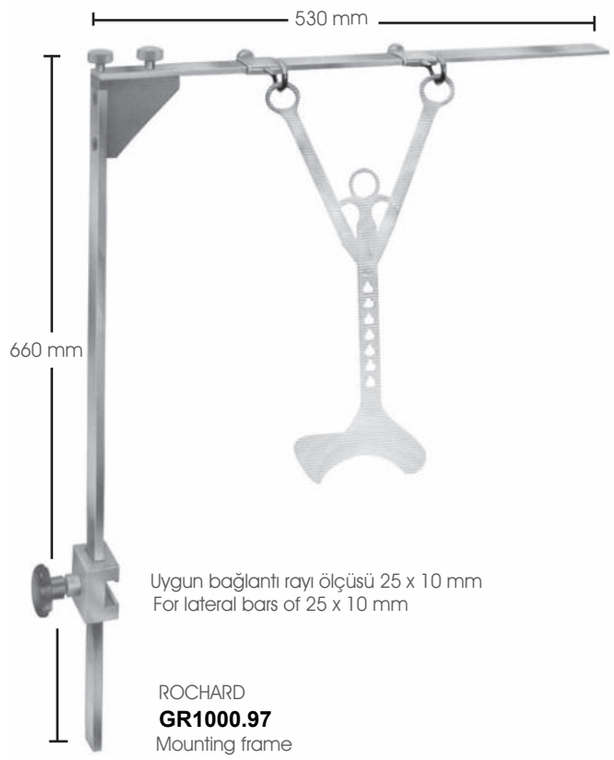
ROCHARD
GR1000.95-GR1000.90



ROCHARD
GR1000.95
Bağlantı tertibatı
Fixation device



ROCHARD
GR1000.96
Mounting frame



ROCHARD
GR1000.97
Mounting frame

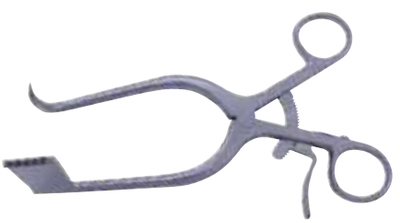


HOLZBACH
GR1001.23
Komple/Complete

Retractor only	**GR1001.23E**	
Lateral blades (pair)	**GR1001.23Y**	59 x 80 mm
Center blade	**GR1001.23B**	74 x 82 mm

WILLIAMS
15 cm

GR1001.29	Left Hook	50 x 10 mm
GR1001.30	Left Hook	50 x 20 mm
GR1001.31	Left Hook	70 x 10 mm
GR1001.32	Left Hook	70 x 20 mm





MISKIMON
GR1001.35
19 cm



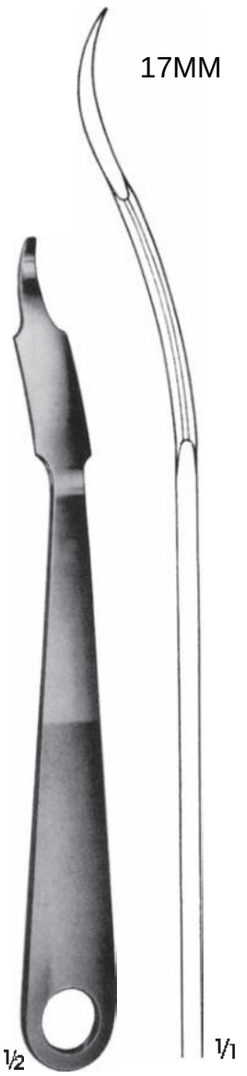
BOLEY
GR1001.33
16 cm



FRAZIER
GR1001.34
14 cm



OB1000.15
22 cm



OB1000.16
24 cm



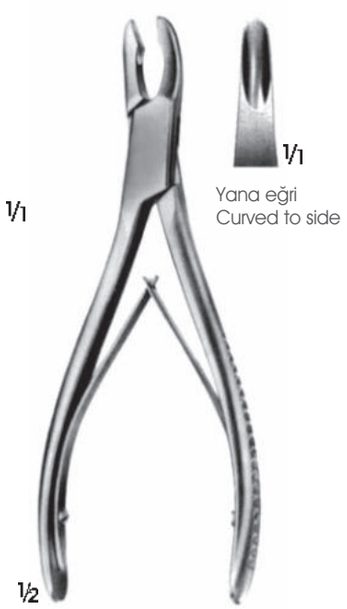
WAGNER
OB1000.30
22 cm



HOHMANN-ALDINGER
OB960.84
27 cm



OB1000.35
32 cm



HAKANSSON
OB960.90
17 cm



ALEXANDER
OB1000.26 5 mm
OB1000.27 7 mm
OB1000.28 9 mm
OB1000.29 11 mm
Gujlar/Gouges
17 cm



GULEKE
OB1000.31
20.5 cm



OB1000.32 9 mm
Guj/Gouge
22 cm



OC1000.14
Anahtar/Key

OC1000.13
Delme başlığı Ø 6.35 mm
Drilling chuck Ø 6.35 mm
OC1000.14 anahtarı ile
16 cm



KEMİK TUTMA FORSEPSİ



OB960.91
14.5 cm



Fig. 0
OB960.92
19 cm



Fig. 1
OB960.83
24 cm



Fig. 2
OB960.94
26 cm



OB1000.33
MORE protez çıkartıcı
MORE protheses extractor
50 cm



OB1000.38
19.5 cm

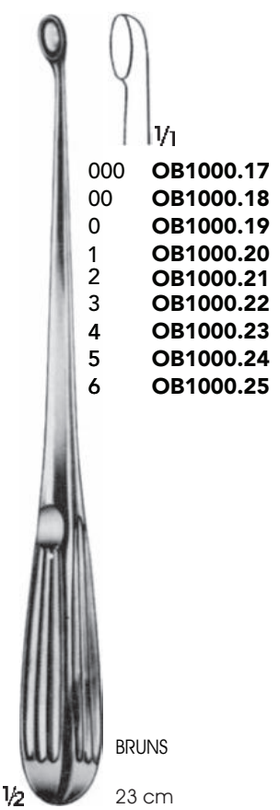


OB1000.39
3.6 mm



OB1000.36
7 mm

OB1000.37
7 mm



000	**OB1000.17**
00	**OB1000.18**
0	**OB1000.19**
1	**OB1000.20**
2	**OB1000.21**
3	**OB1000.22**
4	**OB1000.23**
5	**OB1000.24**
6	**OB1000.25**

BRUNS
23 cm



REINER
OB1000.58
18 cm



OB1000.45
20 cm



OB1000.48
4.4 mm

½



OB1000.53
5.2 mm
fig. 0

HALLE
21.5 cm

½



Fig. 20 cm

0000	**OB960.01**
000	**OB960.02**
00	**OB960.03**
0	**OB960.04**
1	**OB960.05**
2	**OB960.06**

26 mm

½



VI

½

OB1000.02
Femur ekartörü
Femoral retractor



1/1

½

OB1000.55
Koruma pensi
Protection forceps
20.5 cm



OB1000.07
20 cm

Kısa bleydli
Short blade
40 mm



R= 40 mm
R= 50 mm

½

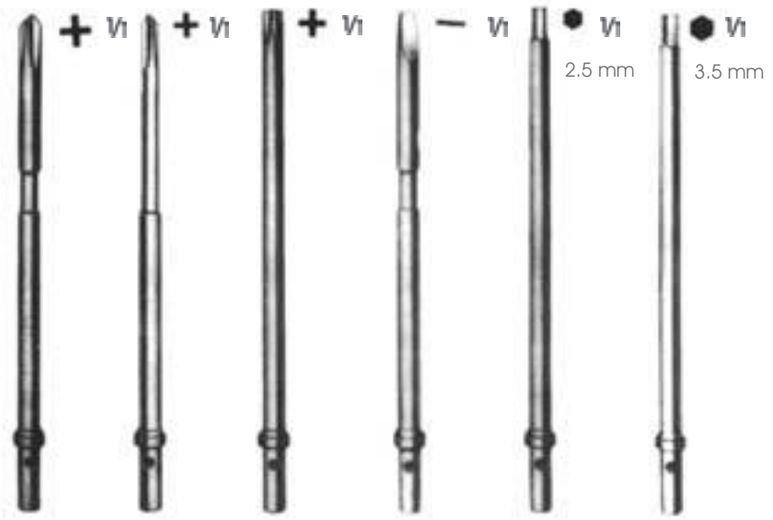
WAGNER
OB1000.08 40 mm
OB1000.09 50 mm
40 cm





½

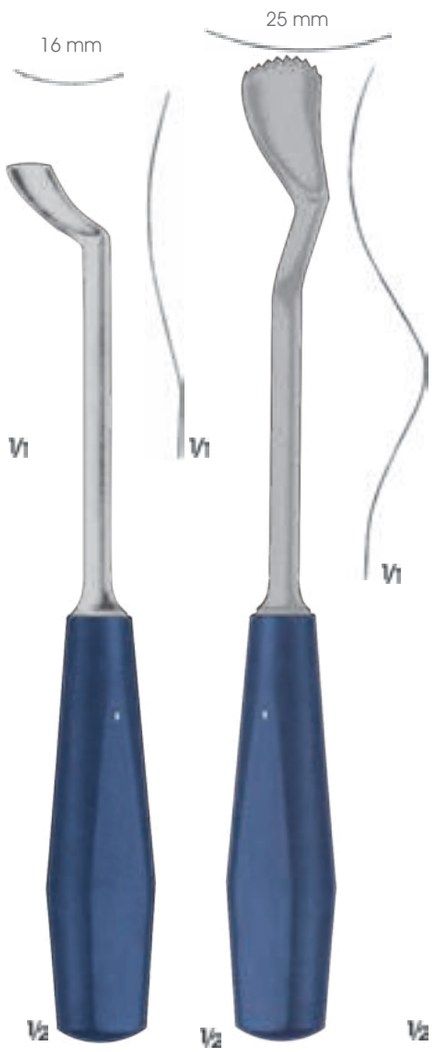
OB1000.34
Çızıl, eğri
Chisel, curved
26.5 cm







OB1000.05E 7 cm | OB1000.05D 7 cm | OB1000.05C 7 cm | OB1000.05B 7 cm | OB1000.05 7 cm | OB1000.06 7 cm | OB1000.03 6 cm | OB1000.04 15 cm



OB1000.12
25 cm

WEICHMANN
OB1000.13
28.5 cm



OB1000.14
29 Cm



OB1000.10
27 cm



OB1000.11
27 cm



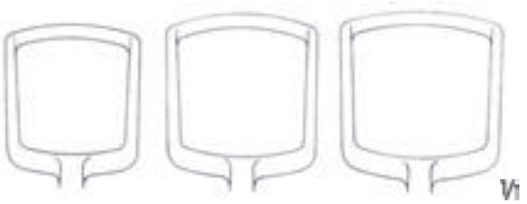
FULTON
OB1000.13
19 Cm



NEGUS
20 cm



ER1000.21 ER1000.22 ER1000.23



ER1000.24 ER1000.25 ER1000.26



COLVER
ET1000.03
20 cm



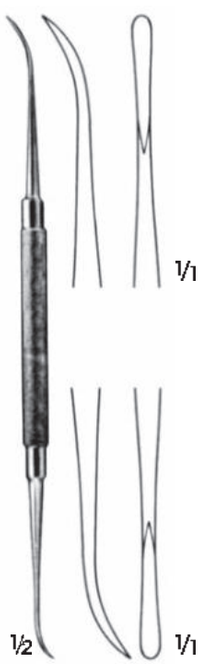
LA FORCE
ET1000.05
23 cm



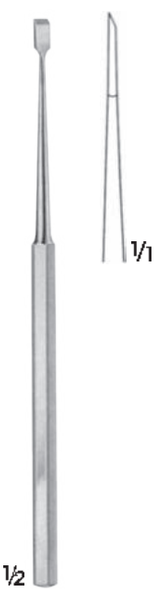
LABORDE
EY**1000.01**
12.5 cm



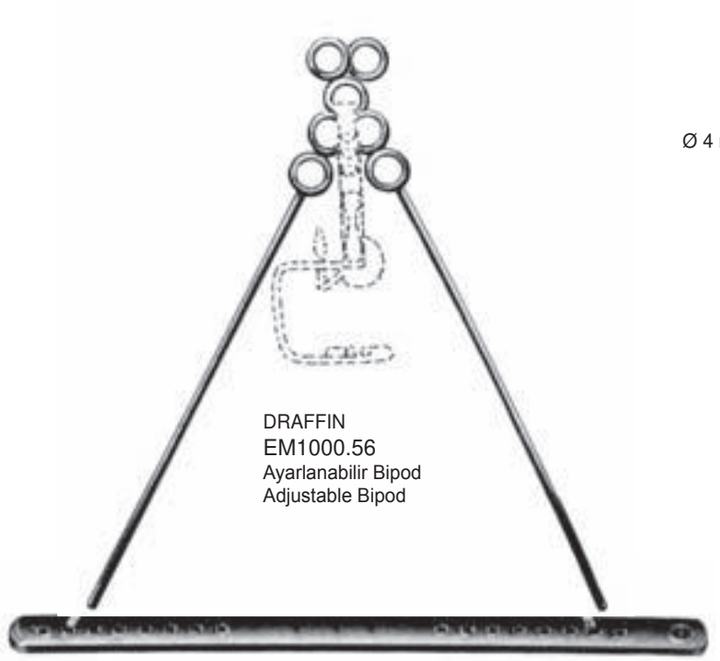
FREER
ER547.19B
Sharp/Blunt



FREER-YASARGIL
ER1000.27 Sivri/Sharp
18.5 cm

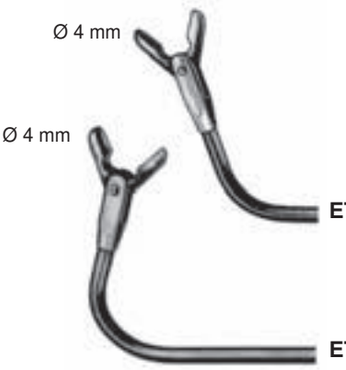


FREER
ER1000.28 4 mm
Çizıl/Chisel
16 cm



DRAFFIN
EM1000.56
Ayarlanabilir Bipod
Adjustable Bipod

MAGAURAN
EM1000.57 48.3 cm
Bipod Paleti/Palet for holding Bipod



ET1000.09 70°

ET1000.10 110°





MASING
ER1000.29 Eğri/sivri
Kıkırdak kesme bıçağı
Cartilage slitting knife, curved blade, pointed
13 cm



AT1000.01
Düz/Straight

AT1000.02
Sağa eğimli/Curved Right

AT1000.03
Sola eğimli/Curved left





ER1000.30
17 cm



ER1000.31

ER1000.37



ER1000.32
55°

ER1000.38
90°

KUHN-BOLGER
19 cm



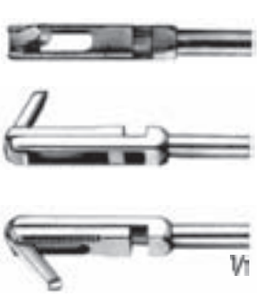
ER1000.43
2.5 mm

OBWEGESER
15 cm



ER1000.33

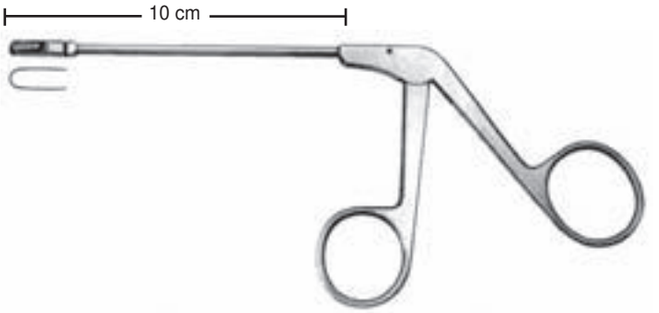
COAKLEY
17 cm



STAMMBERGER
EO1000.13
2.5 mm

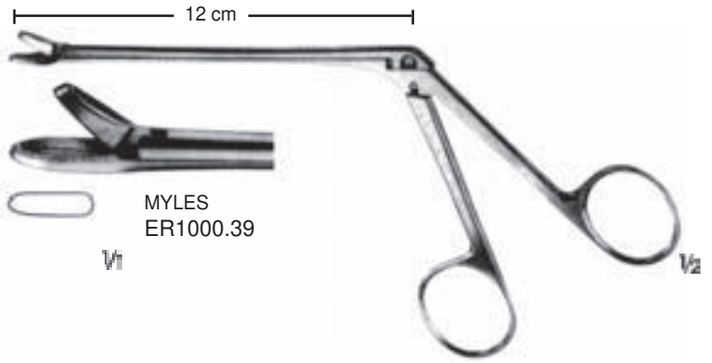
EO1000.14
2.5 mm

EO1000.15
2.5 mm





GRUENWALD-HENKE
ER1000.40

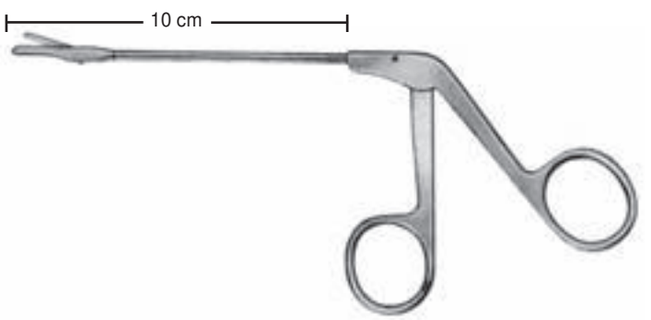


MYLES
ER1000.39



STRUYCKEN
ER1000.41
2.0 mm

MACKAY
ER1000.42
3.8 mm







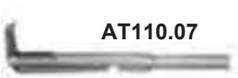
AT110.08



AT110.09



AT110.10



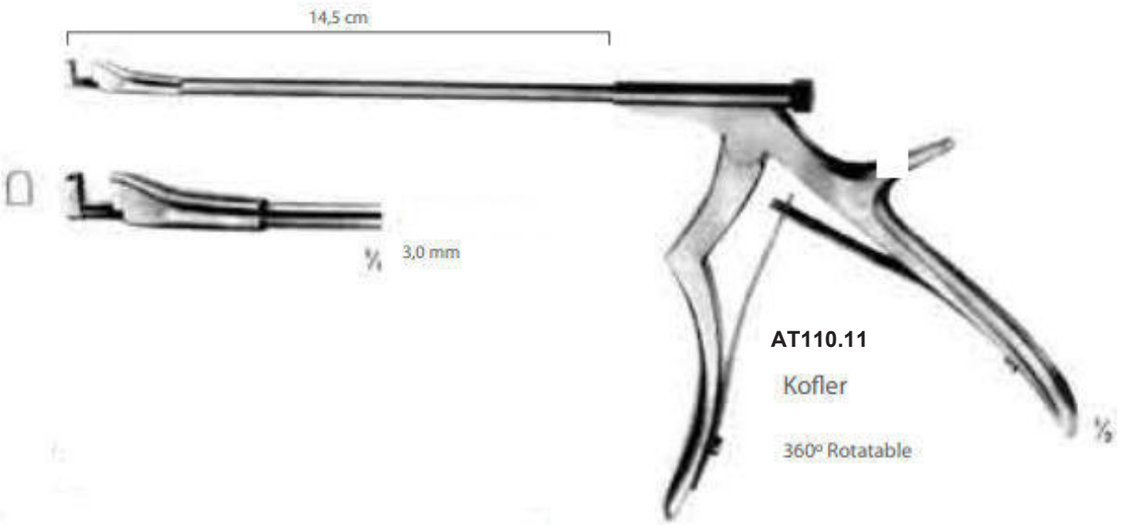
AT110.07

AT110.08 - Antrum punch, upside backward cutting, working length 10 cm, adult size : bite 2,5 mm

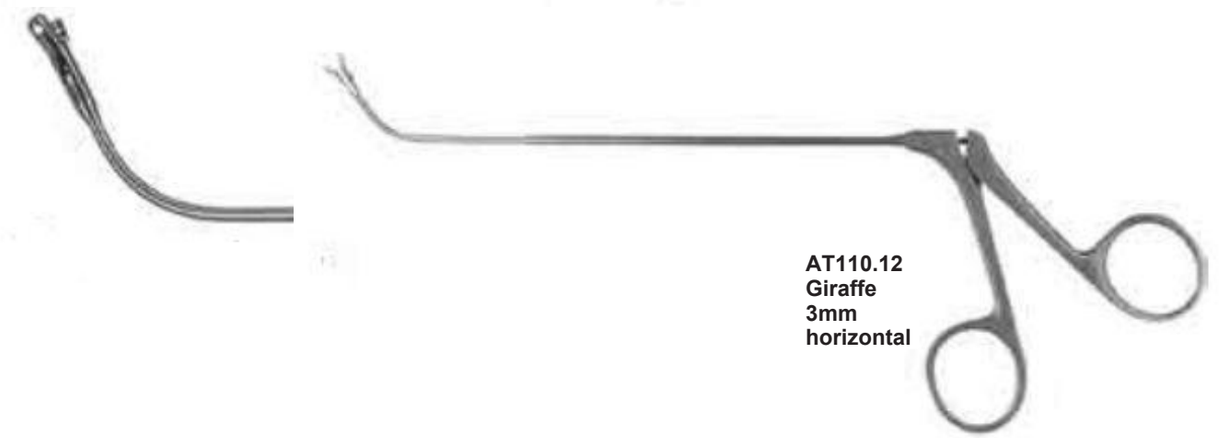
AT110.09 - Same, left side backward cutting, bite 2,5 mm

AT110.10 - Same, right side backward cutting, bite 2,5 mm

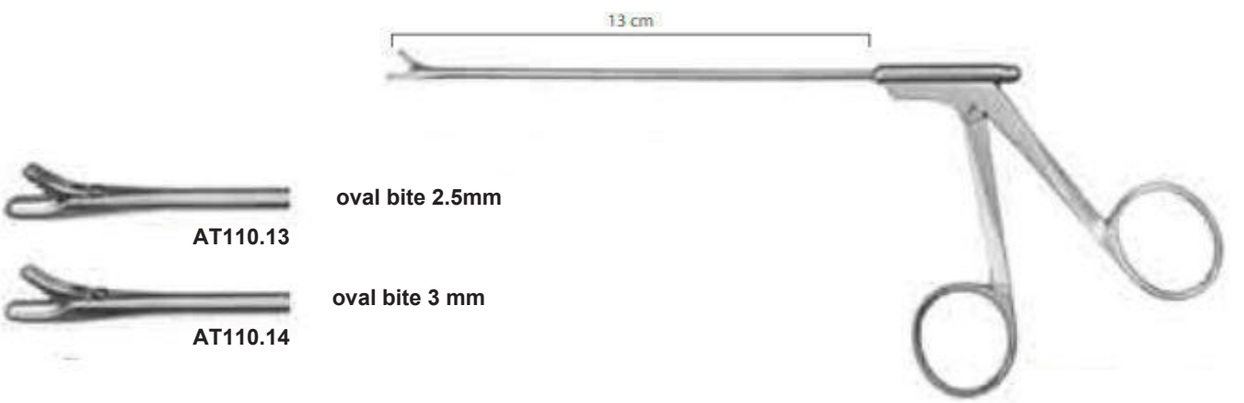
AT110.07 - Antrum punch, upside backward cutting, working length 10 cm, pediatric size : bite 1,5 mm



AT110.11
Kofler
360° Rotatable



AT110.12
Giraffe
3mm
horizontal



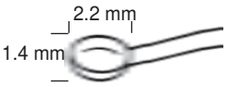
oval bite 2.5mm
AT110.13

oval bite 3 mm
AT110.14

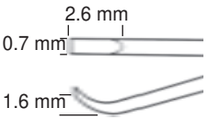




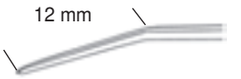
GUILFORD
ER1000.45
Düz şaft/Straight Shaft
14 cm



GUILFORD
ER1000.46
Düz şaft/Straight shaft
14 cm



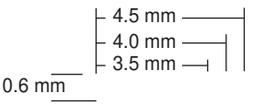
SCHUKNECHT
ER1000.49
20° şaft/20° shaft
15.5 cm



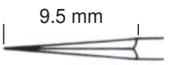
GUILFORD
ER1000.50
Düz şaft/Straight shaft
16 cm



PLESTER
ER1000.51
Düz şaft/Straight shaft
16 cm



AUSTIN
ER1000.52
Düz şaft/Straight shaft
17 cm



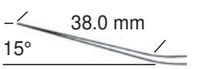
RONIS
ER1000.53
Düz şaft/Straight shaft
15 cm



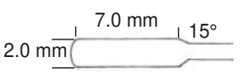
RONIS
ER1000.54
Düz şaft/Straight shaft
15 cm



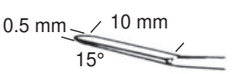
MCGEE-FARRIOR
ER1000.55
20° şaft/20° shaft
16 cm



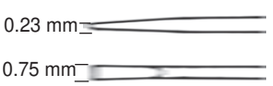
ANTOLI-CANDELA
ER1000.56
Düz şaft/Straight shaft
16.5 cm



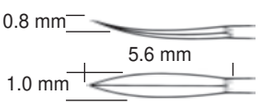
ANTOLI-CANDELA
ER1000.57
Düz şaft/Straight shaft
16.5 cm



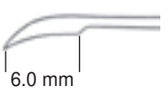
RONIS
ER1000.58
Düz şaft/Straight shaft
15 cm



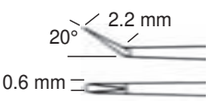
RONIS
ER1000.60
Düz şaft/Straight Shaft
15 cm



GUILFORD
EO020.11S
Düz şaft/Straight shaft
14 cm

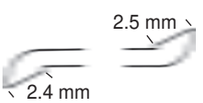


E**O020.06L**
Düz şaft/Straight shaft
16 cm



AUSTIN
E**O024.02B**
Düz şaft/Straight shaft
16.5 cm





RICHARDS
ER1000.47
Düz şaft/Straight shaft
18 cm



ER1000.59
Damar presi
Vein press
12 cm



ABRAHAM
EM1000.58
21.5 cm



JAVELIN
NU1000.76
21.5 cm



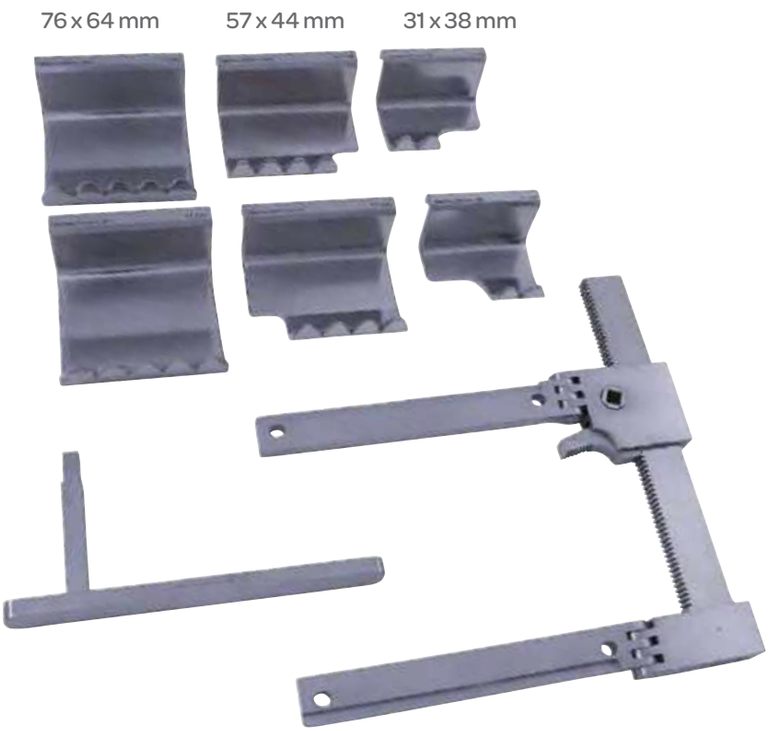
KARLIN
NU1000.75
10.5 cm



NU1000.78 ¾ x 2¼in
NU1000.79 ¾ x 3 in



CHILDREN'S HOSPITAL
NU1000.83



Crank Frame Spinal Retractor Set
NU1000.76



SMITH
NU1000.82
shaft 13,5cm



Micro shaver rongeur
NU1000.80 1.5 mm
NU1000.81 2.5 mm



VERITY

NU1000.92	3 mm	Ball
NU1000.93	2 mm	Blunt
NU1000.94	3 mm	Blunt



SYLVERSTONE
15 cm

NU1000.92	2X3 mm
NU1000.93	2X5 mm



HOFFMAN

NU1000.97	45.7 cm
NU1000.98	61 cm



NU1000.99
1 mm



HARDY
NU1001.00
20,5 cm



HARDY
NU1001.01
23,5 cm
Reverse curved



D'ERRICO
NU1001.02
23 cm

STERILE CONTAINER SYSTEMS



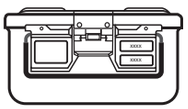
Standard Model

» *1/1 Full Size*

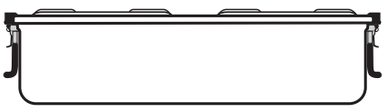
1/1 STANDARD MODEL

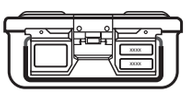
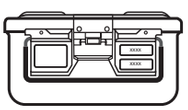
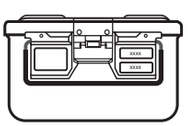
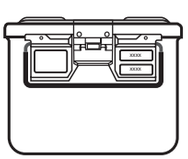
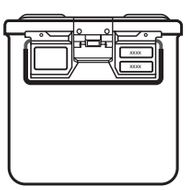


W: 285 mm



L: 600 mm

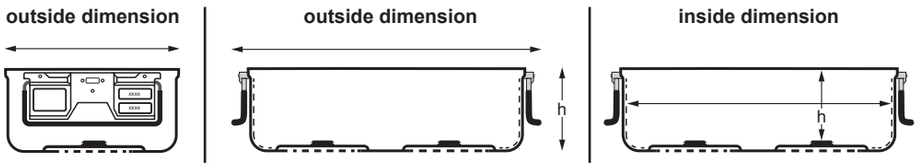


Height \ Specifications		Lid (Perforated)	Lid (Perforated)	Safety Lid	Safety Lid
		Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Perforated)
H:110 mm		Z6-010	Z6-040	Z6-150	Z6-180
		Z6-011	Z6-041	Z6-151	Z6-181
		Z6-012	Z6-042	Z6-152	Z6-182
		Z6-013	Z6-043	Z6-153	Z6-183
		Z6-014	Z6-044	Z6-154	Z6-184
		Z6-015	Z6-045	Z6-155	Z6-185
H:135 mm		Z6-016	Z6-046	Z6-156	Z6-186
		Z6-017	Z6-047	Z6-157	Z6-187
		Z6-018	Z6-048	Z6-158	Z6-188
		Z6-019	Z6-049	Z6-159	Z6-189
		Z6-020	Z6-050	Z6-160	Z6-190
		Z6-021	Z6-051	Z6-161	Z6-191
H:155 mm		Z6-022	Z6-052	Z6-162	Z6-192
		Z6-023	Z6-053	Z6-163	Z6-193
		Z6-024	Z6-054	Z6-164	Z6-194
		Z6-025	Z6-055	Z6-165	Z6-195
		Z6-026	Z6-056	Z6-166	Z6-196
		Z6-027	Z6-057	Z6-167	Z6-197
H:205 mm		Z6-028	Z6-058	Z6-168	Z6-198
		Z6-029	Z6-059	Z6-169	Z6-199
		Z6-030	Z6-060	Z6-170	Z6-200
		Z6-031	Z6-061	Z6-171	Z6-201
		Z6-032	Z6-062	Z6-172	Z6-202
		Z6-033	Z6-063	Z6-173	Z6-203
H:255 mm		Z6-034	Z6-064	Z6-174	Z6-204
		Z6-035	Z6-065	Z6-175	Z6-205
		Z6-036	Z6-066	Z6-176	Z6-206
		Z6-037	Z6-067	Z6-177	Z6-207
		Z6-038	Z6-068	Z6-178	Z6-208
		Z6-039	Z6-069	Z6-179	Z6-209

Ps: All container measurements cover the outer size of the lids.

BOX *(perforated)*

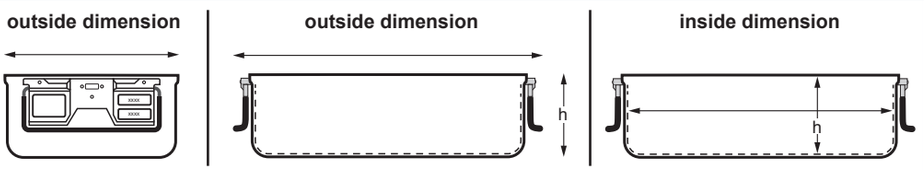




code	outside dimension	inside dimension	weight
Z6-100	600 x 272 h:100 mm	543 x 258 h:83 mm	2216 g
Z6-101	600 x 272 h:116 mm	543 x 258 h:99 mm	2362 g
Z6-102	600 x 272 h:138 mm	543 x 258 h:121 mm	2520 g
Z6-103	600 x 272 h:190 mm	543 x 258 h:173 mm	2873 g
Z6-104	600 x 272 h:235 mm	543 x 258 h:218 mm	3290 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-105	600 x 272 h:100 mm	543 x 258 h:94 mm	1900 g
Z6-106	600 x 272 h:116 mm	543 x 258 h:110 mm	2096 g
Z6-107	600 x 272 h:138 mm	543 x 258 h:132 mm	2205 g
Z6-108	600 x 272 h:190 mm	543 x 258 h:184 mm	2648 g
Z6-109	600 x 272 h:235 mm	543 x 258 h:229 mm	3040 g

PERFORATED LIDS



code	color	weight
Z6-120		1310 g
Z6-121		
Z6-122		
Z6-123		
Z6-124		
Z6-125		

Dimension: 602 x 285 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-130		1046 g
Z6-131		
Z6-132		
Z6-133		
Z6-134		
Z6-135		

Dimension: 602 x 285 mm

SAFETY LIDS

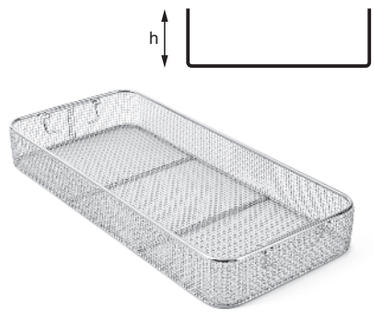


code	color	weight
Z6-230		988 g
Z6-231		
Z6-232		
Z6-233		
Z6-234		
Z6-235		

Dimension: 606 x 288 mm

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET

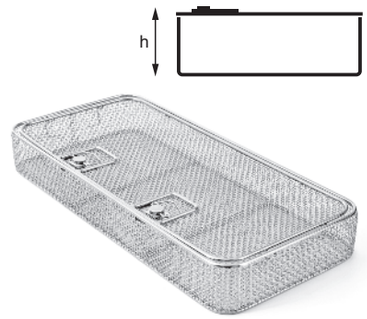


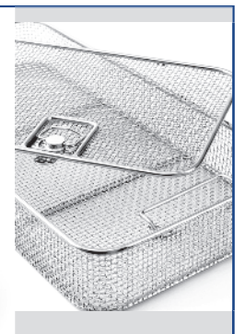




code	outside dimension
Z2-460	540 x 245 h:30 mm
Z2-461	540 x 245 h:50 mm
Z2-462	540 x 245 h:70 mm
Z2-463	540 x 245 h:100 mm
Z2-450	480 x 245 h:30 mm
Z2-451	480 x 245 h:50 mm
Z2-452	480 x 245 h:70 mm
Z2-453	480 x 245 h:100 mm

WIRE BASKET WITH LID







code	outside dimension
Z3-1010	540 x 245 h:35 mm
Z3-1011	540 x 245 h:55 mm
Z3-1012	540 x 245 h:75 mm
Z3-1013	540 x 245 h:105 mm
Z3-1014	ONLY LID, for baskets
Z3-1020	480 x 245 h:35 mm
Z3-1021	480 x 245 h:55 mm
Z3-1022	480 x 245 h:75 mm
Z3-1023	480 x 245 h:105 mm
Z3-1024	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET







code	outside dimension
Z2-461 P	540 x 245 h:50 mm
Z2-462 P	540 x 245 h:70 mm
Z2-463 P	540 x 245 h:100 mm
Z2-451 P	480 x 245 h:50 mm
Z2-452 P	480 x 245 h:70 mm
Z2-453 P	480 x 245 h:100 mm

WIRE BASKET WITH LID







code	outside dimension
Z3-1011 P	540 x 245 h:55 mm
Z3-1012 P	540 x 245 h:75 mm
Z3-1013 P	540 x 245 h:105 mm
Z3-1014 P	ONLY LID, for baskets
Z3-1021 P	480 x 245 h:55 mm
Z3-1022 P	480 x 245 h:75 mm
Z3-1023 P	480 x 245 h:105 mm
Z3-1024 P	ONLY LID, for baskets

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-720**	546 x 259 h:44 mm
	Z3-721	546 x 259 h:64 mm
	Z3-722	546 x 259 h:84 mm
	Z3-723	546 x 259 h:114 mm
Box 	**Z3-740**	540 x 253 h:40 mm
	Z3-741	540 x 253 h:60 mm
	Z3-742	540 x 253 h:80 mm
	Z3-743	540 x 253 h:110 mm
Lid 	**Z3-760**	ONLY LID, for baskets





BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-724**	491 x 259 h:44 mm
	Z3-725	491 x 259 h:64 mm
	Z3-726	491 x 259 h:84 mm
	Z3-727	491 x 259 h:114 mm
Box 	**Z3-744**	485 x 253 h:40 mm
	Z3-745	485 x 253 h:60 mm
	Z3-746	485 x 253 h:80 mm
	Z3-747	485 x 253 h:110 mm
Lid 	**Z3-761**	ONLY LID, for baskets



STAND





code	height
Z3-767	20 mm

STAND





code	height
Z3-768	10 mm

STAND





code	height
Z3-766	5 mm

IDENTIFICATION *(aluminium)*

LABEL HOLDER



code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-428
540 x 250 x 130 mm

Z2-429
540 x 250 x 180 mm

WIRE BASE



Z2-440
545 x 255 x 30 mm

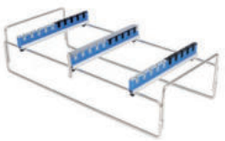
DIVIDERS



Z2-425
540 x 250 x 130 mm

Z2-426
540 x 250 x 180 mm

RACK *(for endoscopy)*



Z3-1090
505 x 250 x 125 mm
- Holds 10 endoscopic instruments
- Fits into a 1/1 size 20 cm deep container
- Wire basket 1/1 50 mm
- Container 1/1 200 mm
- Silicone mat 520 x 230 mm

DRAPE RETAINER



Z2-420
545 x 255 x 30 mm

DRAPE RETAINER



Z2-400
545 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



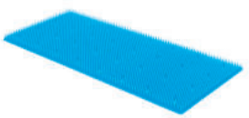
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



Z3-1121
245 x 130 x 105 mm

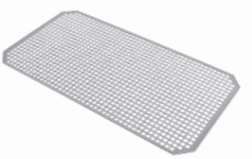
SILICONE MAT



Z2-526
520 x 230 mm

Z2-528
475 x 230 mm

SILICONE MESH MAT



Z2-531
485 x 250 mm

Z2-533
534 x 247 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



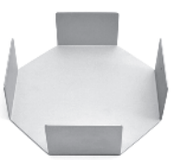
Z2-740
Single use 100 pcs with indicator. Insidemed mark.
- Diameter: 184 mm

TEFLON FILTER



Z2-742
Number of sterilization cycle > 2000
- Diameter: 194 mm

FILTER DISPENSER



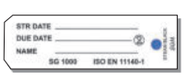
Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

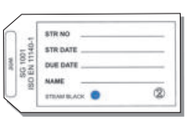
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

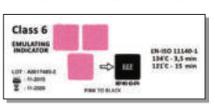
For full and Half size containers

(-)

AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator. made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number. made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator. made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

SECURITY SEAL *(red)*



Z2-665
100 pcs. with number. made of plastic

DISPOSAL STAMP



Z2-717
40 x 35 x 9 mm
Requested number or letter must be informed during the order.

LABEL HOLDER



Z2-716
50 x 35 x 13 mm
Holder for identification labels

(-)

STERILE CONTAINER SYSTEMS



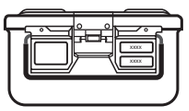
Standard Model

» *3/4 Quarter Size*

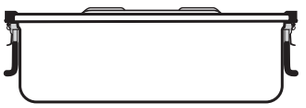
3/4 STANDARD MODEL

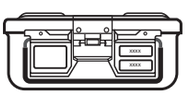
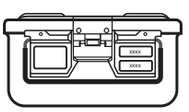
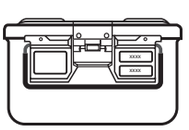


W: 285 mm



L: 475 mm

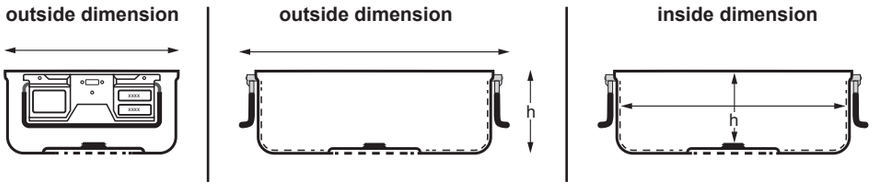


Height \ Specifications		Lid (Perforated)	Lid (Perforated)	Safety Lid	Safety Lid
		Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Perforated)
H:110 mm		Z6-240	Z6-260	Z6-350	Z6-370
		Z6-241	Z6-261	Z6-351	Z6-371
		Z6-242	Z6-262	Z6-352	Z6-372
		Z6-243	Z6-263	Z6-353	Z6-373
		Z6-244	Z6-264	Z6-354	Z6-374
		Z6-245	Z6-265	Z6-355	Z6-375
H:130 mm		Z6-246	Z6-266	Z6-356	Z6-376
		Z6-247	Z6-267	Z6-357	Z6-377
		Z6-248	Z6-268	Z6-358	Z6-378
		Z6-249	Z6-269	Z6-359	Z6-379
		Z6-250	Z6-270	Z6-360	Z6-380
		Z6-251	Z6-271	Z6-361	Z6-381
H:155 mm		Z6-252	Z6-272	Z6-362	Z6-382
		Z6-253	Z6-273	Z6-363	Z6-383
		Z6-254	Z6-274	Z6-364	Z6-384
		Z6-255	Z6-275	Z6-365	Z6-385
		Z6-256	Z6-276	Z6-366	Z6-386
		Z6-257	Z6-277	Z6-367	Z6-387

Ps: All container measurements cover the outer size of the lids.

BOX *(perforated)*

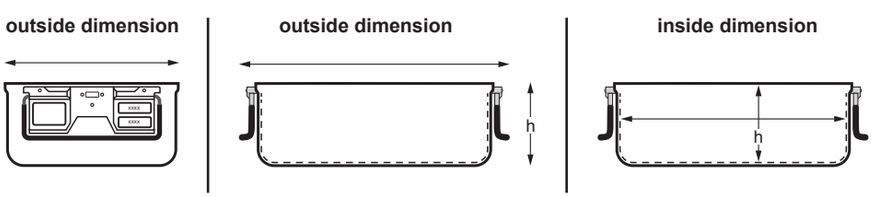




code	outside dimension	inside dimension	weight
Z6-300	475 x 272 h:100 mm	422 x 258 h:83 mm	1792 g
Z6-301	475 x 272 h:116 mm	422 x 258 h:99 mm	1836 g
Z6-302	475 x 272 h:138 mm	422 x 258 h:121 mm	1980 g
Z6-303	475 x 272 h:185 mm	422 x 258 h:168 mm	2240 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-305	475 x 272 h:100 mm	422 x 258 h:94 mm	1609 g
Z6-306	475 x 272 h:116 mm	422 x 258 h:110 mm	1714 g
Z6-307	475 x 272 h:138 mm	422 x 258 h:132 mm	1842 g
Z6-308	475 x 272 h:185 mm	422 x 258 h:179 mm	2117 g

PERFORATED LIDS



code	color	weight
Z6-340		1014 g
Z6-341		
Z6-342		
Z6-343		
Z6-344		
Z6-345		

Dimension: 477 x 285 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-320		940 g
Z6-321		
Z6-322		
Z6-323		
Z6-324		
Z6-325		

Dimension: 477 x 285 mm

SAFETY LIDS

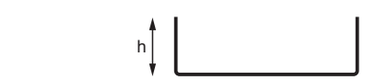


code	color	weight
Z6-410		903 g
Z6-411		
Z6-412		
Z6-413		
Z6-414		
Z6-415		

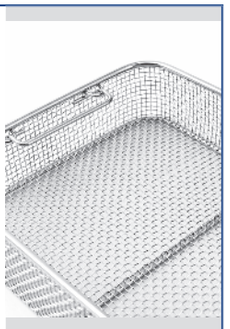
Dimension: 483 x 290 mm

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET







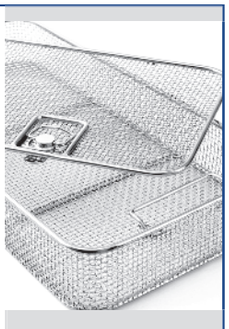


code	outside dimension
Z2-1500	405 x 245 x h:30 mm
Z2-1501	405 x 245 x h:50 mm
Z2-1502	405 x 245 x h:70 mm
Z2-1503	405 x 245 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1030	405 x 245 h:35 mm
Z3-1031	405 x 245 h:55 mm
Z3-1032	405 x 245 h:75 mm
Z3-1033	405 x 245 h:105 mm
Z3-1034	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET









code	outside dimension
Z2-1501 P	405 x 246 x h:50 mm
Z2-1502 P	405 x 246 x h:70 mm
Z2-1503 P	405 x 246 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1031 P	405 x 246 x h:55 mm
Z3-1032 P	405 x 246 x h:75 mm
Z3-1033 P	405 x 246 x h:105 mm
Z3-1034 P	ONLY LID, for baskets

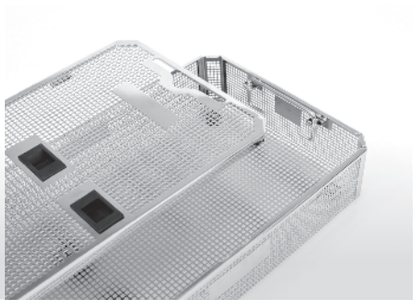
BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-728**	411 x 259 h:44 mm
	Z3-729	411 x 259 h:64 mm
	Z3-730	411 x 259 h:84 mm
	Z3-731	411 x 259 h:114 mm
Box 	**Z3-748**	405 x 253 h:40 mm
	Z3-749	405 x 253 h:60 mm
	Z3-750	405 x 253 h:80 mm
	Z3-751	405 x 253 h:110 mm
Lid 	**Z3-762**	ONLY LID, for baskets







STAND





code	height
Z3-767	20 mm

STAND





code	height
Z3-768	10 mm

STAND





code	height
Z3-766	5 mm

IDENTIFICATION *(aluminium)*

LABEL HOLDER



code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-1540
405 x 250 x 80 mm

Z2-1541
405 x 250 x 110 mm

Z2-1542
405 x 250 x 130 mm

WIRE BASE



Z2-1522
405 x 255 x 30 mm

DIVIDERS



Z2-1530
405 x 250 x 80 mm

Z2-1531
405 x 250 x 110 mm

Z2-1532
405 x 250 x 130 mm

(-)

DRAPE RETAINER



Z2-1521
405 x 255 x 30 mm

DRAPE RETAINER



Z2-1520
405 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



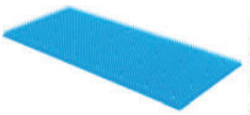
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



Z3-1121
245 x 130 x 105 mm

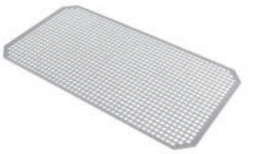
SILICONE MAT



Z2-524
380 x 230 mm

Z2-525
440 x 230 mm

SILICONE MESH MAT



Z2-534
395 x 245 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



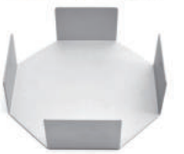
Z2-740
Single use 100 pcs
with indicator. Aygun mark.
• Diameter: 184 mm

TEFLON FILTER



Z2-742
Number of sterilization
cycle > 2000
• Diameter: 194 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

(-)

AUTO LOCK MECHANISM



Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number.
made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

SECURITY SEAL *(red)*



Z2-665
100 pcs. with number.
made of plastic

DISPOSAL STAMP



Z2-717
40 x 35 x 9 mm
Requested number or
letter must be informed
during the order.

LABEL HOLDER



Z2-716
50 x 35 x 13 mm
Holder for identification
labels

(-)

STERILE CONTAINER SYSTEMS



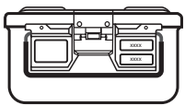
Standard Model

» *1/2 Half Size*

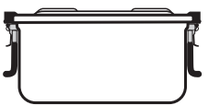
1/2 STANDARD MODEL

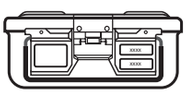
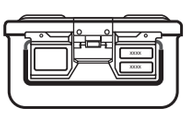
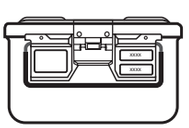
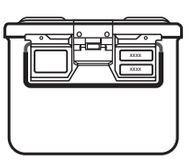
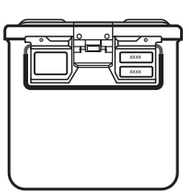


W: 280 mm



L: 310 mm

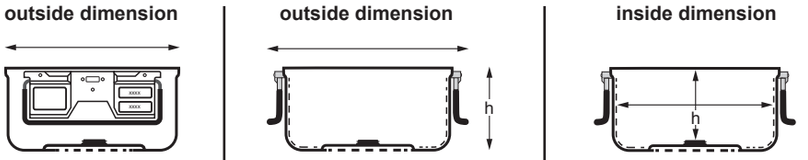


Height \ Specifications		Lid (Perforated)	Lid (Perforated)	Safety Lid	Safety Lid
		Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Perforated)
H:110 mm		Z6-500	Z6-530	Z6-640	Z6-670
		Z6-501	Z6-531	Z6-641	Z6-671
		Z6-502	Z6-532	Z6-642	Z6-672
		Z6-503	Z6-533	Z6-643	Z6-673
		Z6-504	Z6-534	Z6-644	Z6-674
		Z6-505	Z6-535	Z6-645	Z6-675
H:130 mm		Z6-506	Z6-536	Z6-646	Z6-676
		Z6-507	Z6-537	Z6-647	Z6-677
		Z6-508	Z6-538	Z6-648	Z6-678
		Z6-509	Z6-539	Z6-649	Z6-679
		Z6-510	Z6-540	Z6-650	Z6-680
		Z6-511	Z6-541	Z6-651	Z6-681
H:150 mm		Z6-512	Z6-542	Z6-652	Z6-682
		Z6-513	Z6-543	Z6-653	Z6-683
		Z6-514	Z6-544	Z6-654	Z6-684
		Z6-515	Z6-545	Z6-655	Z6-685
		Z6-516	Z6-546	Z6-656	Z6-686
		Z6-517	Z6-547	Z6-657	Z6-687
H:200 mm		Z6-518	Z6-548	Z6-658	Z6-688
		Z6-519	Z6-549	Z6-659	Z6-689
		Z6-520	Z6-550	Z6-660	Z6-690
		Z6-521	Z6-551	Z6-661	Z6-691
		Z6-522	Z6-552	Z6-662	Z6-692
		Z6-523	Z6-553	Z6-663	Z6-693
H:250 mm		Z6-524	Z6-554	Z6-664	Z6-694
		Z6-525	Z6-555	Z6-665	Z6-695
		Z6-526	Z6-556	Z6-666	Z6-696
		Z6-527	Z6-557	Z6-667	Z6-697
		Z6-528	Z6-558	Z6-668	Z6-698
		Z6-529	Z6-559	Z6-669	Z6-699

Ps: All container measurements cover the outer size of the lids.

BOX *(perforated)*

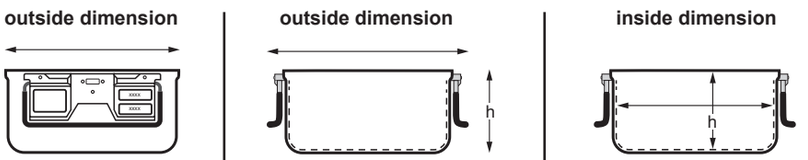




code	outside dimension	inside dimension	weight
Z6-600	310 x 272 h:100 mm	253 x 258 h:83 mm	1385 g
Z6-601	310 x 272 h:116 mm	253 x 258 h:99 mm	1417 g
Z6-602	310 x 272 h:138 mm	253 x 258 h:121 mm	1590 g
Z6-603	310 x 272 h:190 mm	253 x 258 h:173 mm	1821 g
Z6-604	310 x 272 h:235 mm	253 x 258 h:218 mm	1947 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-605	310 x 272 h:100 mm	253 x 258 h:94 mm	1267 g
Z6-606	310 x 272 h:116 mm	253 x 258 h:110 mm	1315 g
Z6-607	310 x 272 h:138 mm	253 x 258 h:132 mm	1427 g
Z6-608	310 x 272 h:190 mm	253 x 258 h:184 mm	1660 g
Z6-609	310 x 272 h:235 mm	253 x 258 h:229 mm	1940 g

PERFORATED LIDS



code	color	weight
Z6-630		727 g
Z6-631		
Z6-632		
Z6-633		
Z6-634		
Z6-635		

Dimension: 312 x 280 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-620		629 g
Z6-621		
Z6-622		
Z6-623		
Z6-624		
Z6-625		

Dimension: 312 x 280 mm

SAFETY LIDS



code	color	weight
Z6-700		775 g
Z6-701		
Z6-702		
Z6-703		
Z6-704		
Z6-705		

Dimension: 317 x 285 mm

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET









code	outside dimension
Z2-490	246 x 246 x h:30 mm
Z2-491	246 x 246 x h:50 mm
Z2-492	246 x 246 x h:70 mm
Z2-493	246 x 246 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1040	246 x 246 h:35 mm
Z3-1041	246 x 246 h:55 mm
Z3-1042	246 x 246 h:75 mm
Z3-1043	246 x 246 h:105 mm
Z3-1045	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET









code	outside dimension
Z2-491 P	246 x 246 x h:50 mm
Z2-492 P	246 x 246 x h:70 mm
Z2-493 P	246 x 246 x h:100 mm

WIRE BASKET WITH LID









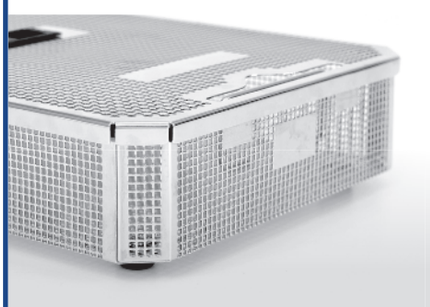
code	outside dimension
Z3-1041 P	246 x 246 x h:55 mm
Z3-1042 P	246 x 246 x h:75 mm
Z3-1043 P	246 x 246 x h:105 mm
Z3-1045 P	ONLY LID, for baskets

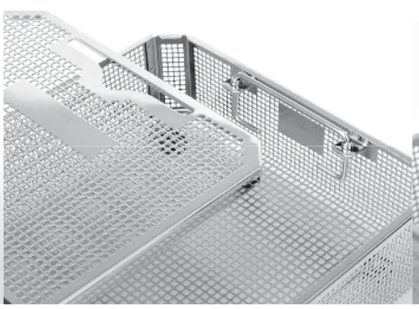
BASKET MADE FROM STAINLESS STEEL SHEET

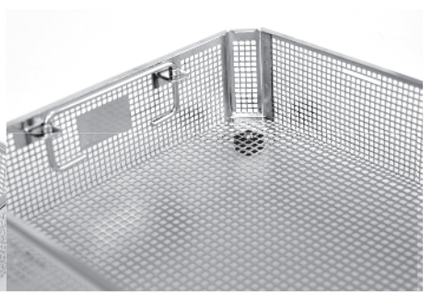
BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-732**	250 x 259 h:44 mm
	Z3-733	250 x 259 h:64 mm
	Z3-734	250 x 259 h:84 mm
	Z3-735	250 x 259 h:114 mm
Box 	**Z3-752**	244 x 253 h:40 mm
	Z3-753	244 x 253 h:60 mm
	Z3-754	244 x 253 h:80 mm
	Z3-755	244 x 253 h:110 mm
Lid 	**Z3-763**	ONLY LID, for baskets







STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



IDENTIFICATION *(aluminium)*

LABEL HOLDER



code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-483
255 x 245 x 130 mm

Z2-484
255 x 245 x 180 mm

WIRE BASE



Z2-482
255 x 255 x 30 mm

(-)

RACK *(for kerrison)*



Z3-1094
220 x 250 x 160 mm
- Holds 10 kerrison punches
- Fits into a 1/2 and 1/1 size
- 20 cm deep container
- Wire basket 1/2 50 mm
- Wire basket 1/1 50 mm
- Container 1/2 200 mm
- Container 1/1 200 mm

DRAPE RETAINER



Z3-481
255 x 255 x 30 mm

DRAPE RETAINER



Z2-480
255 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



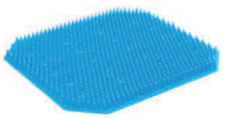
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



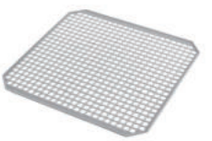
Z3-1121
245 x 130 x 105 mm

SILICONE MAT



Z2-521
250 x 235 mm

SILICONE MESH MAT



Z2-530
250 x 240 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



Z2-740
Single use 100 pcs
with indicator. Aygun mark.
- Diameter: 184 mm

TEFLON FILTER



Z2-742
Number of sterilization
cycle > 2000
- Diameter: 194 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

(-)



AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number.
made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number.
made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or
letter must be informed
during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification
labels

(-)

STERILE CONTAINER SYSTEMS



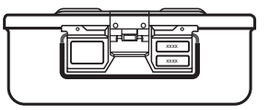
Standard Model

» *Extra Large Size*

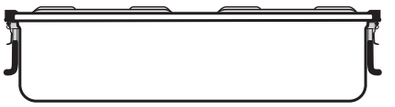
EXTRA LARGE SIZE

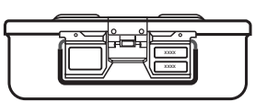
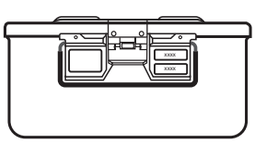


W: 372 mm



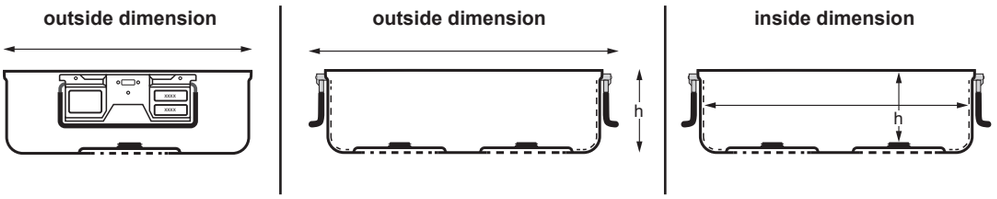
L: 600 mm



Specifications / Height		Lid (Perforated) Box (Non Perforated)	Lid (Perforated) Box (Perforated)
H:120 mm		Z6-136	Z6-210
		Z6-137	Z6-211
		Z6-138	Z6-212
		Z6-139	Z6-213
		Z6-140	Z6-214
		Z6-141	Z6-215
H:185 mm		Z6-142	Z6-216
		Z6-143	Z6-217
		Z6-144	Z6-218
		Z6-145	Z6-219
		Z6-146	Z6-220
		Z6-147	Z6-221

Ps: All container measurements cover the outer size of the lids.

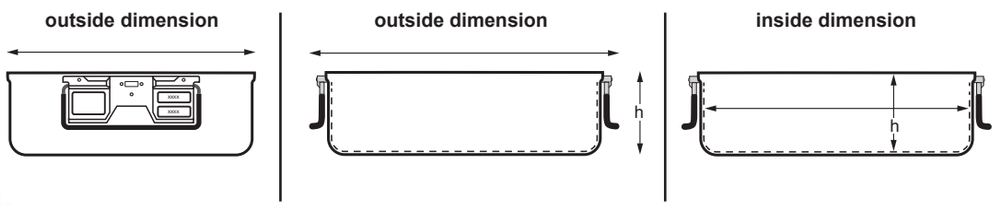
BOX *(perforated)*





code	outside dimension	inside dimension	weight
Z6-400	600 x 365 h:105 mm	543 x 350 h:88 mm	2480 g
Z6-401	600 x 365 h:167 mm	543 x 350 h:150 mm	3122 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-402	600 x 365 h:105 mm	543 x 350 h:99 mm	2271 g
Z6-403	600 x 365 h:167 mm	543 x 350 h:161 mm	2856 g

PERFORATED LIDS

Dimension: 602 x 370 mm
Weight: 1076 g



Z6-326 Grey
Z6-327 Yellow
Z6-328 Green
Z6-329 Blue
Z6-330 Red
Z6-331 Black

REMOVAL LIDS *(non perforated)*

Dimension: 602 x 370 mm
Weight: 1405 g



Z6-332 Grey
Z6-333 Yellow
Z6-334 Green
Z6-335 Blue
Z6-336 Red
Z6-337 Black

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET





code	outside dimension
Z2-1701	533 x 337 h:50 mm
Z2-1702	533 x 337 h:70 mm
Z2-1703	533 x 337 h:100 mm

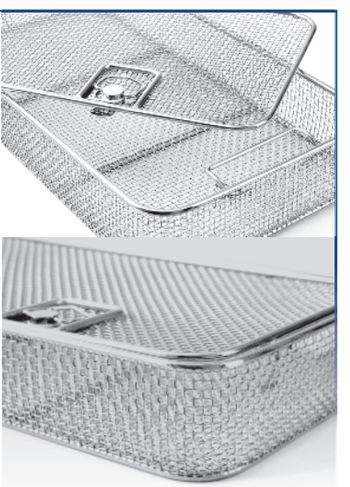


WIRE BASKET WITH LID





code	outside dimension
Z3-1704	533 x 337 h:55 mm
Z3-1705	533 x 337 h:75 mm
Z3-1706	533 x 337 h:105 mm
Z3-1707	ONLY LID, for baskets



IDENTIFICATION *(aluminium)*

LABEL HOLDER



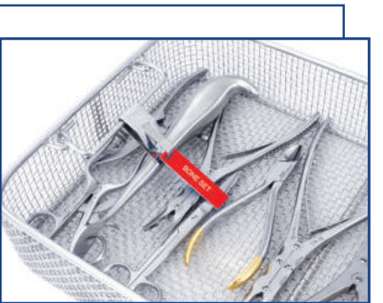
code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification

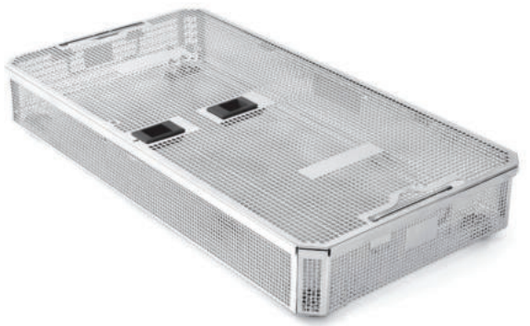




➔ Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

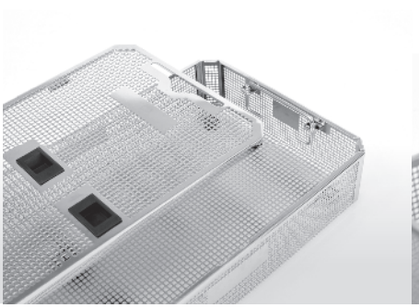
BASKET MADE FROM STAINLESS STEEL SHEET

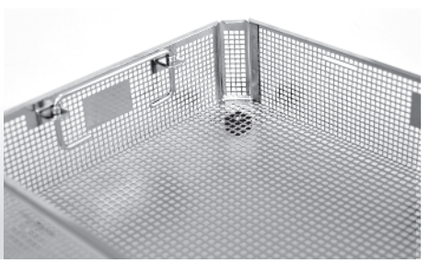
BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-701**	539 x 346 h:44 mm
	Z3-702	539 x 346 h:64 mm
	Z3-703	539 x 346 h:84 mm
	Z3-704	539 x 346 h:114 mm
Box 	**Z3-705**	533 x 340 h:40 mm
	Z3-706	533 x 340 h:60 mm
	Z3-707	533 x 340 h:80 mm
	Z3-708	533 x 340 h:110 mm
Lid 	**Z3-709**	ONLY LID, for baskets







STAND





code	height
Z3-767	20 mm

STAND





code	height
Z3-768	10 mm

STAND





code	height
Z3-766	5 mm

DIVIDERS



Z2-1731
533 x 337 x 70 mm

Z2-1732
533 x 337 x 120 mm

(-)

DIVIDERS



Z2-1721
533 x 337 x 70 mm

Z2-1722
533 x 337 x 120 mm

(-)

DRAPE RETAINER



Z2-1712
533 x 337 x 30 mm

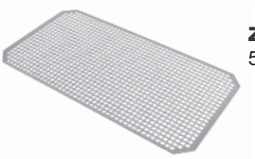
DRAPE RETAINER



Z2-1711
533 x 337 mm

(-)

SILICONE MESH MAT



Z2-535
527 x 335 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



Z3-1121
245 x 130 x 105 mm

PAPER FILTER



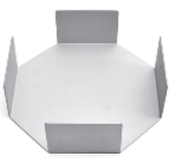
Z2-740
Single use 100 pcs with indicator. Insidemed mark.
• Diameter: 184 mm

TEFLON FILTER



Z2-742
Number of sterilization cycle > 2000
• Diameter: 194 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

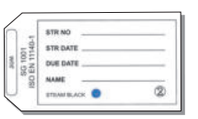
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and Half size containers

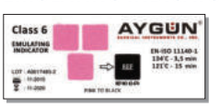
(-)

AUTO LOCK MECHANISM



Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator. made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number. made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator. made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number. made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or letter must be informed during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification labels

(-)

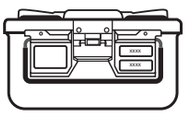
STERILE CONTAINER SYSTEMS

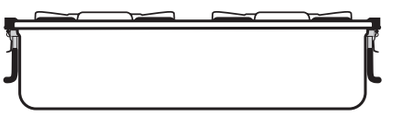


Bio-Barrier Model

» *1/1 Full Size*

1/1 BIO-BARRIER MODEL





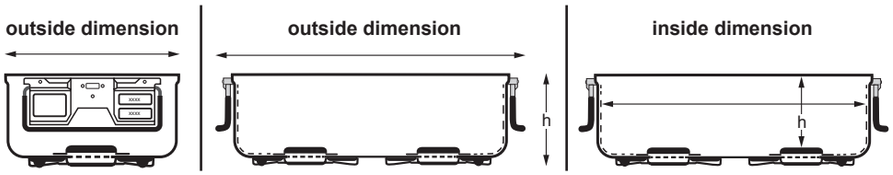


Specifications	Lid (with barrier)		Lid (with barrier)		Safety Lid Lid (with barrier)		Safety Lid Lid (with barrier)	
	Box (Non Perforated)		Box (with barrier)		Box (Non Perforated)		Box (with barrier)	
	Z7-010	h:120 mm	Z7-040	h:130 mm	Z7-150	h:130 mm	Z7-180	h:140 mm
	Z7-011		Z7-041		Z7-151		Z7-181	
	Z7-012		Z7-042		Z7-152		Z7-182	
	Z7-013		Z7-043		Z7-153		Z7-183	
	Z7-014		Z7-044		Z7-154		Z7-184	
	Z7-015		Z7-045		Z7-155		Z7-185	
	Z7-016	h:145 mm	Z7-046	h:155 mm	Z7-156	h:150 mm	Z7-186	h:160 mm
	Z7-017		Z7-047		Z7-157		Z7-187	
	Z7-018		Z7-048		Z7-158		Z7-188	
	Z7-019		Z7-049		Z7-159		Z7-189	
	Z7-020		Z7-050		Z7-160		Z7-190	
	Z7-021		Z7-051		Z7-161		Z7-191	
	Z7-022	h:165 mm	Z7-052	h:175 mm	Z7-162	h:170 mm	Z7-192	h:180 mm
	Z7-023		Z7-053		Z7-163		Z7-193	
	Z7-024		Z7-054		Z7-164		Z7-194	
	Z7-025		Z7-055		Z7-165		Z7-195	
	Z7-026		Z7-056		Z7-166		Z7-196	
	Z7-027		Z7-057		Z7-167		Z7-197	
	Z7-028	h:215 mm	Z7-058	h:225 mm	Z7-168	h:220 mm	Z7-198	h:230 mm
	Z7-029		Z7-059		Z7-169		Z7-199	
	Z7-030		Z7-060		Z7-170		Z7-200	
	Z7-031		Z7-061		Z7-171		Z7-201	
	Z7-032		Z7-062		Z7-172		Z7-202	
	Z7-033		Z7-063		Z7-173		Z7-203	
	Z7-034	h:265 mm	Z7-064	h:275 mm	Z7-174	h:270 mm	Z7-204	h:280 mm
	Z7-035		Z7-065		Z7-175		Z7-205	
	Z7-036		Z7-066		Z7-176		Z7-206	
	Z7-037		Z7-067		Z7-177		Z7-207	
	Z7-038		Z7-068		Z7-178		Z7-208	
	Z7-039		Z7-069		Z7-179		Z7-209	

Ps: All container measurements cover the outer size of the lids.

BOX *(with barrier)*

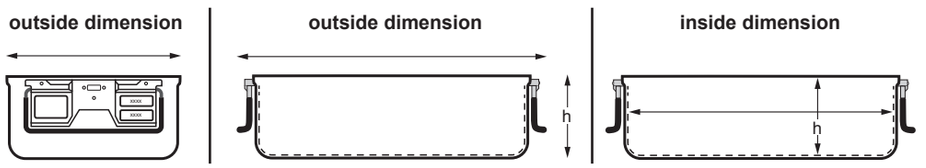




code	outside dimension	inside dimension	weight
Z7-100	600 x 272 h:100 mm	543 x 258 h:60 mm	2638 g
Z7-101	600 x 272 h:116 mm	543 x 258 h:76 mm	2834 g
Z7-102	600 x 272 h:138 mm	543 x 258 h:98 mm	2943 g
Z7-103	600 x 272 h:190 mm	543 x 258 h:150 mm	3386 g
Z7-104	600 x 272 h:235 mm	543 x 258 h:195 mm	3778 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-105	600 x 272 h:100 mm	543 x 258 h:94 mm	1900 g
Z6-106	600 x 272 h:116 mm	543 x 258 h:110 mm	2096 g
Z6-107	600 x 272 h:138 mm	543 x 258 h:132 mm	2205 g
Z6-108	600 x 272 h:190 mm	543 x 258 h:184 mm	2648 g
Z6-109	600 x 272 h:235 mm	543 x 258 h:229 mm	3040 g

LID-BARRIER SYSTEM



code	color	weight
Z7-120		1830 g
Z7-121		
Z7-122		
Z7-123		
Z7-124		
Z7-125		

Dimension: 602 x 285 mm

SAFETY LIDS

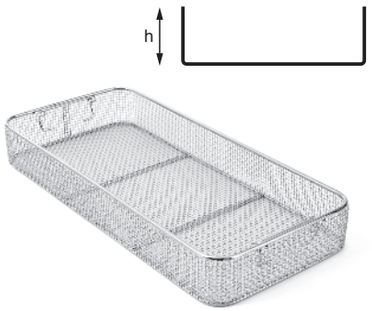


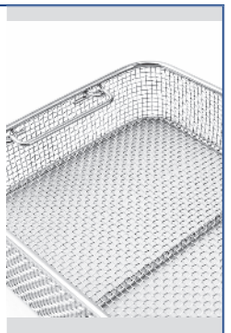
code	color	weight
Z7-400		1164 g
Z7-401		
Z7-402		
Z7-403		
Z7-404		
Z7-405		

Dimension: 606 x 288 mm

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET





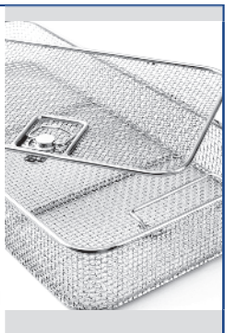


code	outside dimension
Z2-460	540 x 245 h:30 mm
Z2-461	540 x 245 h:50 mm
Z2-462	540 x 245 h:70 mm
Z2-463	540 x 245 h:100 mm
Z2-450	480 x 245 h:30 mm
Z2-451	480 x 245 h:50 mm
Z2-452	480 x 245 h:70 mm
Z2-453	480 x 245 h:100 mm

WIRE BASKET WITH LID





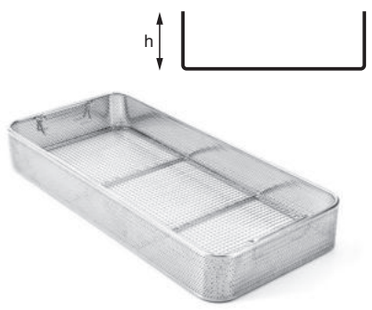




code	outside dimension
Z3-1010	540 x 245 h:35 mm
Z3-1011	540 x 245 h:55 mm
Z3-1012	540 x 245 h:75 mm
Z3-1013	540 x 245 h:105 mm
Z3-1014	ONLY LID, for baskets
Z3-1020	480 x 245 h:35 mm
Z3-1021	480 x 245 h:55 mm
Z3-1022	480 x 245 h:75 mm
Z3-1023	480 x 245 h:105 mm
Z3-1024	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET







code	outside dimension
Z2-461 P	540 x 245 h:50 mm
Z2-462 P	540 x 245 h:70 mm
Z2-463 P	540 x 245 h:100 mm
Z2-451 P	480 x 245 h:50 mm
Z2-452 P	480 x 245 h:70 mm
Z2-453 P	480 x 245 h:100 mm

WIRE BASKET WITH LID





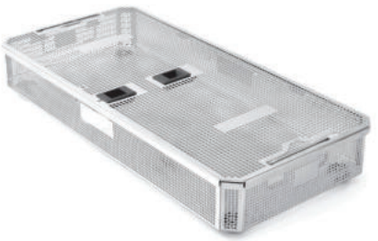




code	outside dimension
Z3-1011 P	540 x 245 h:55 mm
Z3-1012 P	540 x 245 h:75 mm
Z3-1013 P	540 x 245 h:105 mm
Z3-1014 P	ONLY LID, for baskets
Z3-1021 P	480 x 245 h:55 mm
Z3-1022 P	480 x 245 h:75 mm
Z3-1023 P	480 x 245 h:105 mm
Z3-1024 P	ONLY LID, for baskets

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-720**	546 x 259 h:44 mm
	Z3-721	546 x 259 h:64 mm
	Z3-722	546 x 259 h:84 mm
	Z3-723	546 x 259 h:114 mm
Box 	**Z3-740**	540 x 253 h:40 mm
	Z3-741	540 x 253 h:60 mm
	Z3-742	540 x 253 h:80 mm
	Z3-743	540 x 253 h:110 mm
Lid 	**Z3-760**	ONLY LID, for baskets





BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-724**	491 x 259 h:44 mm
	Z3-725	491 x 259 h:64 mm
	Z3-726	491 x 259 h:84 mm
	Z3-727	491 x 259 h:114 mm
Box 	**Z3-744**	485 x 253 h:40 mm
	Z3-745	485 x 253 h:60 mm
	Z3-746	485 x 253 h:80 mm
	Z3-747	485 x 253 h:110 mm
Lid 	**Z3-761**	ONLY LID, for baskets



STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



IDENTIFICATION *(aluminium)*

LABEL HOLDER



code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-428
540 x 250 x 130 mm

Z2-429
540 x 250 x 180 mm

WIRE BASE



Z2-440
545 x 255 x 30 mm

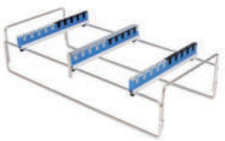
DIVIDERS



Z2-425
540 x 250 x 130 mm

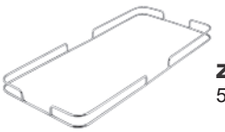
Z2-426
540 x 250 x 180 mm

RACK *(for endoscopy)*



Z3-1090
505 x 250 x 125 mm
- Holds 10 endoscopic instruments
- Fits into a 1/1 size 20 cm deep container
- Wire basket 1/1 50 mm
- Container 1/1 200 mm
- Silicone mat 520 x 230 mm

DRAPE RETAINER



Z2-420
545 x 255 x 30 mm

DRAPE RETAINER



Z2-400
545 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



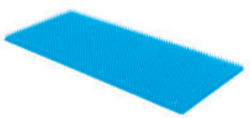
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



Z3-1121
245 x 130 x 105 mm

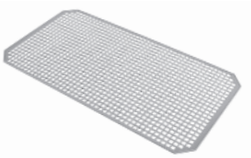
SILICONE MAT



Z2-526
520 x 230 mm

Z2-528
475 x 230 mm

SILICONE MESH MAT



Z2-531
485 x 250 mm

Z2-533
534 x 247 mm

SILICONE HANDLE



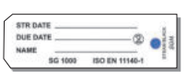
Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and Half size containers

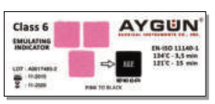
(-)



AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator. made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number. made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator. made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number. made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or letter must be informed during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification labels

(-)

STERILE CONTAINER SYSTEMS



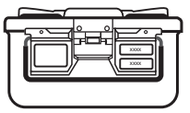
Bio-Barrier Model

» *3/4 Quarter Size*

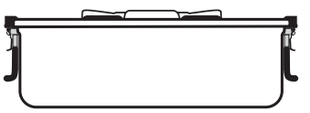
3/4 BIO-BARRIER MODEL

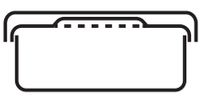
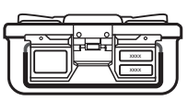
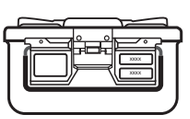
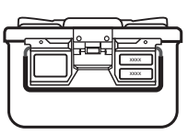


W: 285 mm



L: 475 mm

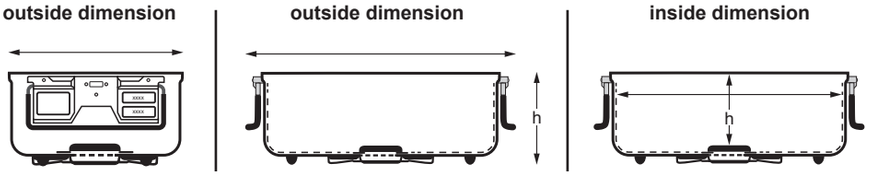


Specificiations	Lid (with barrier)		Lid (with barrier)		Safety Lid Lid (with barrier)		Safety Lid Lid (with barrier)	
								
	Box (Non Perforated)		Box (with barrier)		Box (Non Perforated)		Box (with barrier)	
	Z7-240	h:120 mm	Z7-260	h:130 mm	Z7-350	h:130 mm	Z7-370	h:140 mm
	Z7-241		Z7-261		Z7-351		Z7-371	
	Z7-242		Z7-262		Z7-352		Z7-372	
	Z7-243		Z7-263		Z7-353		Z7-373	
	Z7-244		Z7-264		Z7-354		Z7-374	
	Z7-245		Z7-265		Z7-355		Z7-375	
	Z7-246	h:140 mm	Z7-266	h:150 mm	Z7-356	h:150 mm	Z7-376	h:160 mm
	Z7-247		Z7-267		Z7-357		Z7-377	
	Z7-248		Z7-268		Z7-358		Z7-378	
	Z7-249		Z7-269		Z7-359		Z7-379	
	Z7-250		Z7-270		Z7-360		Z7-380	
	Z7-251		Z7-271		Z7-361		Z7-381	
	Z7-252	h:165 mm	Z7-272	h:175 mm	Z7-362	h:175 mm	Z7-382	h:185 mm
	Z7-253		Z7-273		Z7-363		Z7-383	
	Z7-254		Z7-274		Z7-364		Z7-384	
	Z7-255		Z7-275		Z7-365		Z7-385	
	Z7-256		Z7-276		Z7-366		Z7-386	
	Z7-257		Z7-277		Z7-367		Z7-387	

Ps: All container measurements cover the outer size of the lids.

BOX *(with barrier)*

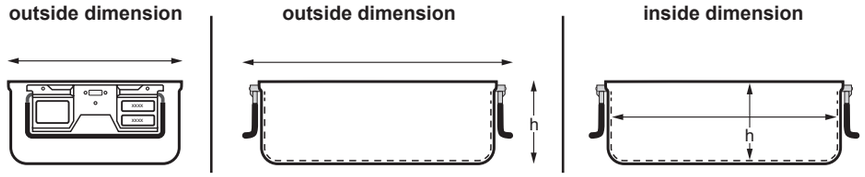




code	outside dimension	inside dimension	weight
Z7-300	475 x 272 h:100 mm	422 x 258 h:60 mm	2024 g
Z7-301	475 x 272 h:116 mm	422 x 258 h:76 mm	2129 g
Z7-302	475 x 272 h:138 mm	422 x 258 h:98 mm	2257 g
Z7-303	475 x 272 h:185 mm	422 x 258 h:145 mm	2532 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-305	475 x 272 h:100 mm	422 x 258 h:94 mm	1609 g
Z6-306	475 x 272 h:116 mm	422 x 258 h:110 mm	1714 g
Z6-307	475 x 272 h:138 mm	422 x 258 h:132 mm	1842 g
Z6-308	475 x 272 h:185 mm	422 x 258 h:179 mm	2117 g

LID-BARRIER SYSTEM

Dimension: 477 x 285 mm



code	color	weight
Z7-340		1212 g
Z7-341		
Z7-342		
Z7-343		
Z7-344		
Z7-345		

SAFETY LIDS

Dimension: 483 x 290 mm



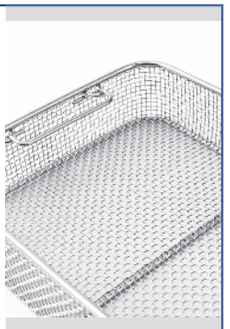
code	color	weight
Z7-406		998 g
Z7-407		
Z7-408		
Z7-409		
Z7-410		
Z7-411		

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET







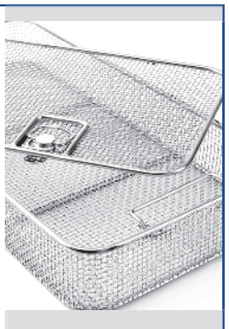


code	outside dimension
Z2-1500	405 x 245 x h:30 mm
Z2-1501	405 x 245 x h:50 mm
Z2-1502	405 x 245 x h:70 mm
Z2-1503	405 x 245 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1030	405 x 245 h:35 mm
Z3-1031	405 x 245 h:55 mm
Z3-1032	405 x 245 h:75 mm
Z3-1033	405 x 245 h:105 mm
Z3-1034	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET









code	outside dimension
Z2-1501 P	405 x 246 x h:50 mm
Z2-1502 P	405 x 246 x h:70 mm
Z2-1503 P	405 x 246 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1031 P	405 x 246 x h:55 mm
Z3-1032 P	405 x 246 x h:75 mm
Z3-1033 P	405 x 246 x h:105 mm
Z3-1034 P	ONLY LID, for baskets

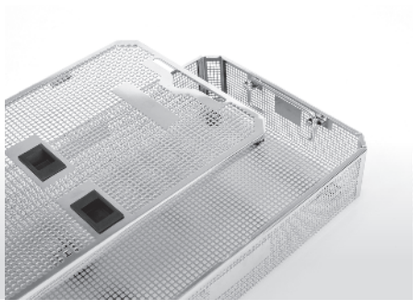
BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-728**	411 x 259 h:44 mm
	Z3-729	411 x 259 h:64 mm
	Z3-730	411 x 259 h:84 mm
	Z3-731	411 x 259 h:114 mm
Box 	**Z3-748**	405 x 253 h:40 mm
	Z3-749	405 x 253 h:60 mm
	Z3-750	405 x 253 h:80 mm
	Z3-751	405 x 253 h:110 mm
Lid 	**Z3-762**	ONLY LID, for baskets







STAND





code	height
Z3-767	20 mm

STAND





code	height
Z3-768	10 mm

STAND





code	height
Z3-766	5 mm

IDENTIFICATION *(aluminium)*

LABEL HOLDER



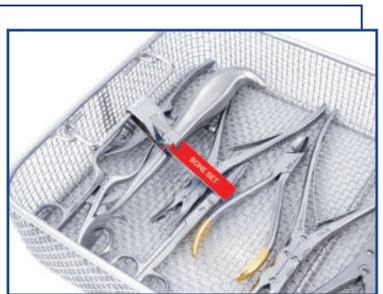
code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-1540
405 x 250 x 80 mm

Z2-1541
405 x 250 x 110 mm

Z2-1542
405 x 250 x 130 mm

WIRE BASE



Z2-1522
405 x 255 x 30 mm

DIVIDERS



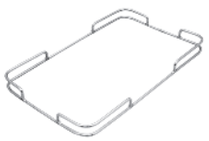
Z2-1530
405 x 250 x 80 mm

Z2-1531
405 x 250 x 110 mm

Z2-1532
405 x 250 x 130 mm

(-)

DRAPE RETAINER



Z2-1521
405 x 255 x 30 mm

DRAPE RETAINER



Z2-1520
405 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



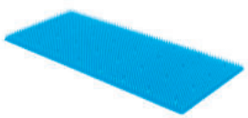
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



Z3-1121
245 x 130 x 105 mm

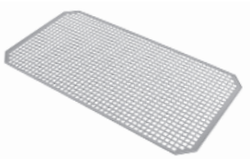
SILICONE MAT



Z2-524
380 x 230 mm

Z2-525
440 x 230 mm

SILICONE MESH MAT



Z2-534
395 x 245 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

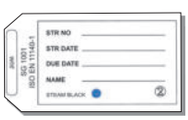
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

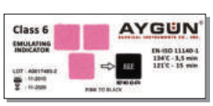
(-)



AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number.
made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number.
made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or
letter must be informed
during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification
labels

(-)

STERILE CONTAINER SYSTEMS



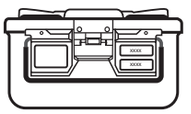
Bio-Barrier Model

» *1/2 Half Size*

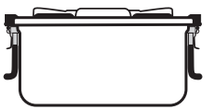
1/2 BIO-BARRIER MODEL

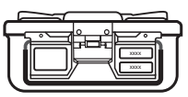
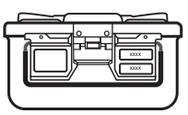
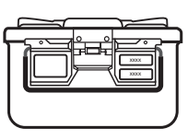
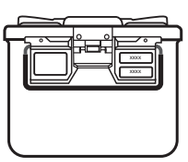
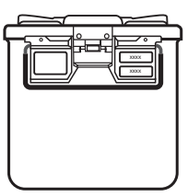


W: 280 mm



L: 310 mm

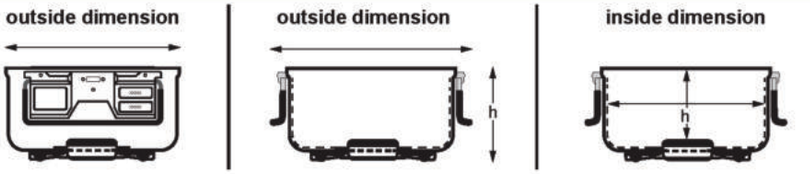


Specificiations	Lid (with barrier)		Lid (with barrier)		Safety Lid Lid (with barrier)		Safety Lid Lid (with barrier)	
								
	Box (Non Perforated)		Box (with barrier)		Box (Non Perforated)		Box (with barrier)	
	Z7-500	h:120 mm	Z7-530	h:130 mm	Z7-640	h:130 mm	Z7-670	h:140 mm
	Z7-501		Z7-531		Z7-641		Z7-671	
	Z7-502		Z7-532		Z7-642		Z7-672	
	Z7-503		Z7-533		Z7-643		Z7-673	
	Z7-504		Z7-534		Z7-644		Z7-674	
	Z7-505		Z7-535		Z7-645		Z7-675	
	Z7-506	h:140 mm	Z7-536	h:150 mm	Z7-646	h:150 mm	Z7-676	h:160 mm
	Z7-507		Z7-537		Z7-647		Z7-677	
	Z7-508		Z7-538		Z7-648		Z7-678	
	Z7-509		Z7-539		Z7-649		Z7-679	
	Z7-510		Z7-540		Z7-650		Z7-680	
	Z7-511		Z7-541		Z7-651		Z7-681	
	Z7-512	h:160 mm	Z7-542	h:170 mm	Z7-652	h:170 mm	Z7-682	h:180 mm
	Z7-513		Z7-543		Z7-653		Z7-683	
	Z7-514		Z7-544		Z7-654		Z7-684	
	Z7-515		Z7-545		Z7-655		Z7-685	
	Z7-516		Z7-546		Z7-656		Z7-686	
	Z7-517		Z7-547		Z7-657		Z7-687	
	Z7-518	h:210 mm	Z7-548	h:220 mm	Z7-658	h:220 mm	Z7-688	h:230 mm
	Z7-519		Z7-549		Z7-659		Z7-689	
	Z7-520		Z7-550		Z7-660		Z7-690	
	Z7-521		Z7-551		Z7-661		Z7-691	
	Z7-522		Z7-552		Z7-662		Z7-692	
	Z7-523		Z7-553		Z7-663		Z7-693	
	Z7-524	h:260 mm	Z7-554	h:270 mm	Z7-664	h:270 mm	Z7-694	h:280 mm
	Z7-525		Z7-555		Z7-665		Z7-695	
	Z7-526		Z7-556		Z7-666		Z7-696	
	Z7-527		Z7-557		Z7-667		Z7-697	
	Z7-528		Z7-558		Z7-668		Z7-698	
	Z7-529		Z7-559		Z7-669		Z7-699	

Ps: All container measurements cover the outer size of the lids.

BOX *(with barrier)*

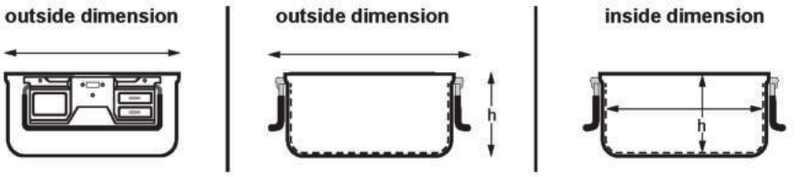




code	outside dimension	inside dimension	weight
Z7-600	310 x 272 h:100 mm	253 x 258 h:60 mm	1682 g
Z7-601	310 x 272 h:116 mm	253 x 258 h:76 mm	1730 g
Z7-602	310 x 272 h:138 mm	253 x 258 h:98 mm	1842 g
Z7-603	310 x 272 h:190 mm	253 x 258 h:150 mm	2075 g
Z7-604	310 x 272 h:235 mm	253 x 258 h:195 mm	2355 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-605	310 x 272 h:100 mm	253 x 258 h:94 mm	1267 g
Z6-606	310 x 272 h:116 mm	253 x 258 h:110 mm	1315 g
Z6-607	310 x 272 h:138 mm	253 x 258 h:132 mm	1427 g
Z6-608	310 x 272 h:190 mm	253 x 258 h:184 mm	1660 g
Z6-609	310 x 272 h:235 mm	253 x 258 h:229 mm	1940 g

LID-BARRIER SYSTEM

Dimension: 312 x 280 mm



code	color	weight
Z7-630		960 g
Z7-631		
Z7-632		
Z7-633		
Z7-634		
Z7-635		

SAFETY LIDS

Dimension: 317 x 286 mm



code	color	weight
Z7-412		675 g
Z7-413		
Z7-414		
Z7-415		
Z7-416		
Z7-417		

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET









code	outside dimension
Z2-490	246 x 246 x h:30 mm
Z2-491	246 x 246 x h:50 mm
Z2-492	246 x 246 x h:70 mm
Z2-493	246 x 246 x h:100 mm

WIRE BASKET WITH LID









code	outside dimension
Z3-1040	246 x 246 h:35 mm
Z3-1041	246 x 246 h:55 mm
Z3-1042	246 x 246 h:75 mm
Z3-1043	246 x 246 h:105 mm
Z3-1045	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET







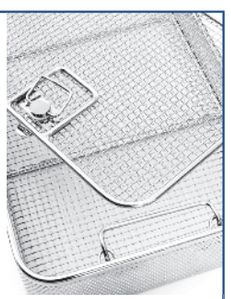


code	outside dimension
Z2-491 P	246 x 246 x h:50 mm
Z2-492 P	246 x 246 x h:70 mm
Z2-493 P	246 x 246 x h:100 mm

WIRE BASKET WITH LID









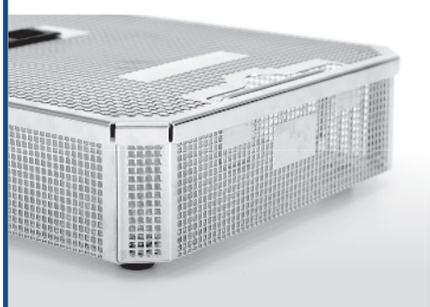
code	outside dimension
Z3-1041 P	246 x 246 x h:55 mm
Z3-1042 P	246 x 246 x h:75 mm
Z3-1043 P	246 x 246 x h:105 mm
Z3-1045 P	ONLY LID, for baskets

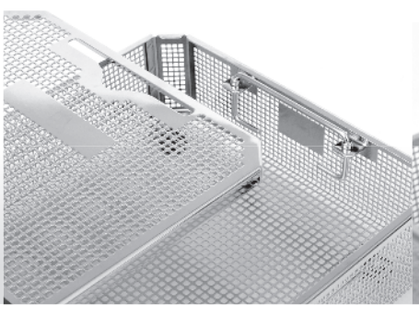
BASKET MADE FROM STAINLESS STEEL SHEET

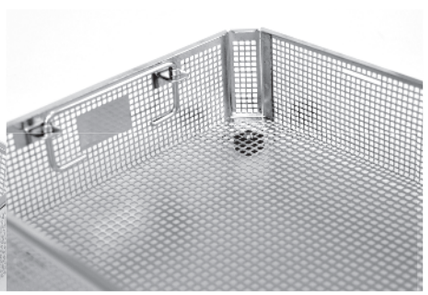
BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-732**	250 x 259 h:44 mm
	Z3-733	250 x 259 h:64 mm
	Z3-734	250 x 259 h:84 mm
	Z3-735	250 x 259 h:114 mm
Box 	**Z3-752**	244 x 253 h:40 mm
	Z3-753	244 x 253 h:60 mm
	Z3-754	244 x 253 h:80 mm
	Z3-755	244 x 253 h:110 mm
Lid 	**Z3-763**	ONLY LID, for baskets







STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



IDENTIFICATION *(aluminium)*

LABEL HOLDER



code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification





Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

DIVIDERS



Z2-483
255 x 245 x 130 mm

Z2-484
255 x 245 x 180 mm

WIRE BASE



Z2-482
255 x 255 x 30 mm

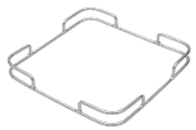
(-)

RACK *(for kerrison)*



Z3-1094
220 x 250 x 160 mm
- Holds 10 kerrison punches
- Fits into a 1/2 and 1/1 size
- 20 cm deep container
- Wire basket 1/2 50 mm
- Wire basket 1/1 50 mm
- Container 1/2 200 mm
- Container 1/1 200 mm

DRAPE RETAINER



Z3-481
255 x 255 x 30 mm

DRAPE RETAINER



Z2-480
255 x 255 mm

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



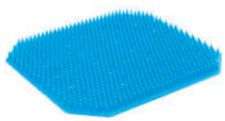
Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



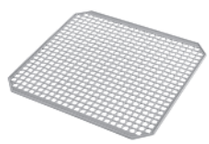
Z3-1121
245 x 130 x 105 mm

SILICONE MAT



Z2-521
250 x 235 mm

SILICONE MESH MAT



Z2-530
250 x 240 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

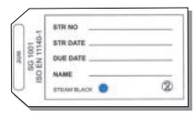
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

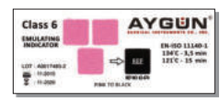
(-)



AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number.
made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number.
made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or
letter must be informed
during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification
labels

(-)

STERILE CONTAINER SYSTEMS



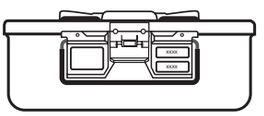
Bio-Barrier Model

» *Extra Large Size*

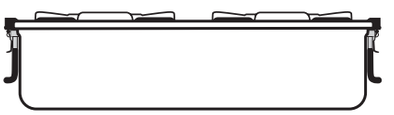
EXTRA LARGE SIZE

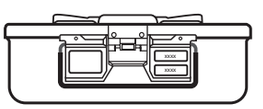
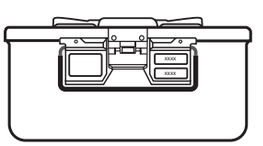


W: 372 mm



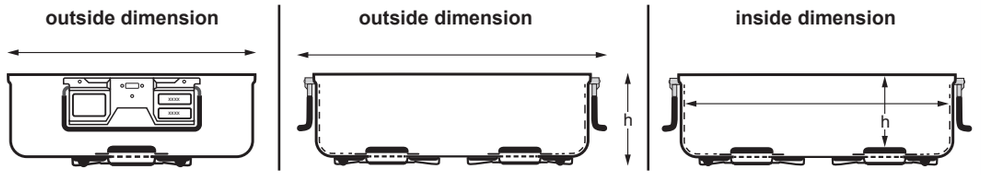
L: 600 mm



Specifications	Lid (with barrier)		Lid (with barrier)	
				
	Box (Non Perforated)		Box (with barrier)	
	Z7-136	h:130 mm	Z7-210	h:140 mm
	Z7-137		Z7-211	
	Z7-138		Z7-212	
	Z7-139		Z7-213	
	Z7-140		Z7-214	
	Z7-141		Z7-215	
	Z7-142	h:195 mm	Z7-216	h:205 mm
	Z7-143		Z7-217	
	Z7-144		Z7-218	
	Z7-145		Z7-219	
	Z7-146		Z7-220	
	Z7-147		Z7-221	

Ps: All container measurements cover the outer size of the lids.

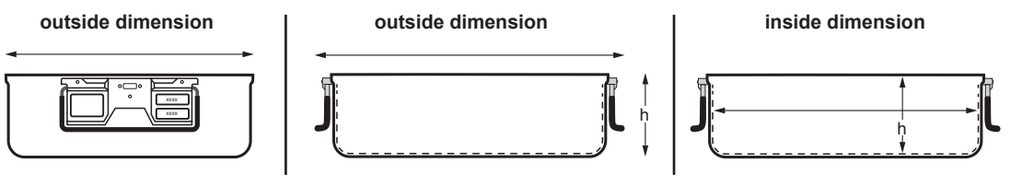
BOX *(with barrier)*





code	outside dimension	inside dimension	weight
Z7-700	600 x 365 h:105 mm	543 x 350 h:65 mm	3009 g
Z7-701	600 x 365 h:167 mm	543 x 350 h:127 mm	3594 g

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-402	600 x 365 h:105 mm	543 x 350 h:99 mm	2271 g
Z6-403	600 x 365 h:167 mm	543 x 350 h:161 mm	2856 g

LID BARRIER SYSTEM



Dimension: 602 x 372 mm

code	color	weight
Z7-326		2055 g
Z7-327		
Z7-328		
Z7-329		
Z7-330		
Z7-331		

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET





code	outside dimension
Z2-1701	533 x 337 h:50 mm
Z2-1702	533 x 337 h:70 mm
Z2-1703	533 x 337 h:100 mm

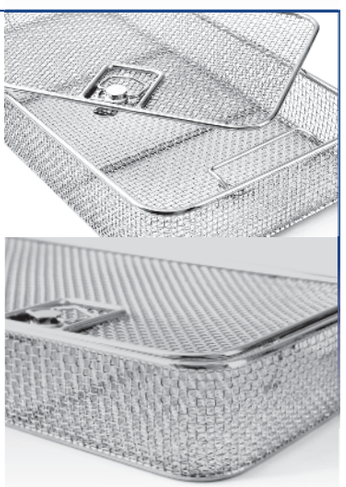


WIRE BASKET WITH LID





code	outside dimension
Z3-1704	533 x 337 h:55 mm
Z3-1705	533 x 337 h:75 mm
Z3-1706	533 x 337 h:105 mm
Z3-1707	ONLY LID, for baskets



IDENTIFICATION *(aluminium)*

LABEL HOLDER



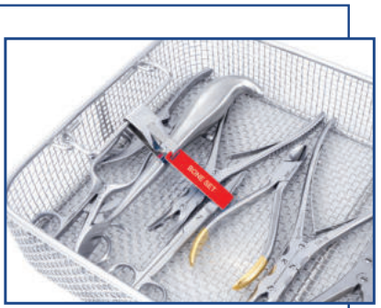
code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification

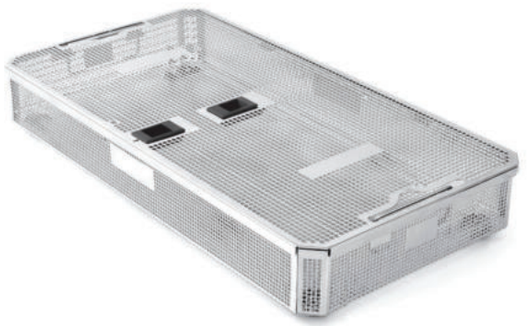




Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

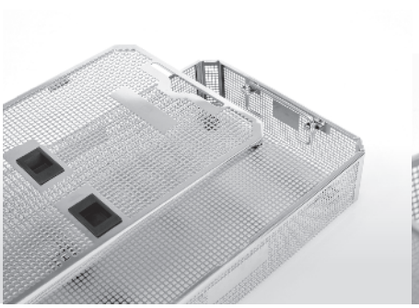
BASKET MADE FROM STAINLESS STEEL SHEET

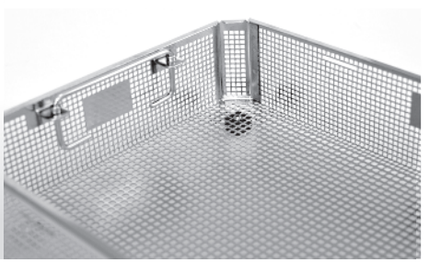
BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-701**	539 x 346 h:44 mm
	Z3-702	539 x 346 h:64 mm
	Z3-703	539 x 346 h:84 mm
	Z3-704	539 x 346 h:114 mm
Box 	**Z3-705**	533 x 340 h:40 mm
	Z3-706	533 x 340 h:60 mm
	Z3-707	533 x 340 h:80 mm
	Z3-708	533 x 340 h:110 mm
Lid 	**Z3-709**	ONLY LID, for baskets







STAND





code	height
Z3-767	20 mm

STAND





code	height
Z3-768	10 mm

STAND





code	height
Z3-766	5 mm

DIVIDERS



Z2-1731
533 x 337 x 70 mm

Z2-1732
533 x 337 x 120 mm

(-)

DIVIDERS

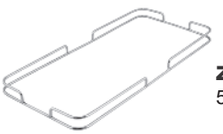


Z2-1721
533 x 337 x 70 mm

Z2-1722
533 x 337 x 120 mm

(-)

DRAPE RETAINER



Z2-1712
533 x 337 x 30 mm

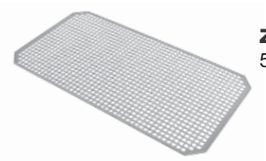
DRAPE RETAINER



Z2-1711
533 x 337 mm

(-)

SILICONE MESH MAT



Z2-535
527 x 335 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

ALUMINIUM BASKET *(with lid)*



Z3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET *(with lid)*



Z3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET *(with lid)*



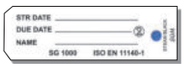
Z3-1121
245 x 130 x 105 mm

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

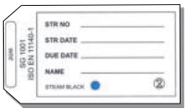
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

(-)



AUTO LOCK MECHANISM

Z1-900
(2 Pcs)

EMULATING INDICATOR CARD *(class 6)*



Z2-674
Paper 250 Pcs.



SECURITY SEAL *(blue)*

Z2-663
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(blue)*

Z2-664
100 pcs. made of plastic



SECURITY SEAL *(blue)*

Z2-661
100 pcs. with number.
made of plastic



SECURITY SEAL *(red)*

Z2-662
100 pcs. with indicator.
made of plastic



SECURITY SEAL *(red)*

Z2-660
100 pcs. made of plastic



SECURITY SEAL *(red)*

Z2-665
100 pcs. with number.
made of plastic



DISPOSAL STAMP

Z2-717
40 x 35 x 9 mm
Requested number or
letter must be informed
during the order.



LABEL HOLDER

Z2-716
50 x 35 x 13 mm
Holder for identification
labels

(-)

STERILE CONTAINER SYSTEMS





A1 Model

» *1/1 Full Size*

1/1 FULL SIZE



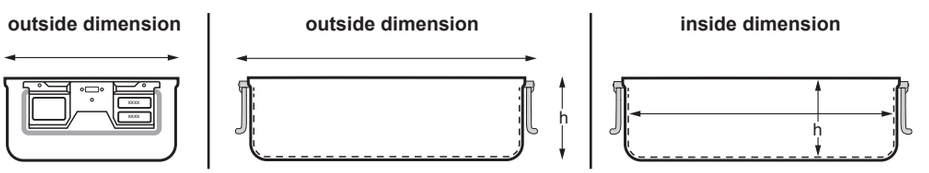


h:110 mm	Z6-010E	Z6-011E	Z6-012E	Z6-013E	Z6-014E
h:135 mm	Z6-016E	Z6-017E	Z6-018E	Z6-019E	Z6-020E
h:155 mm	Z6-022E	Z6-023E	Z6-024E	Z6-025E	Z6-026E
h:205 mm	Z6-028E	Z6-029E	Z6-030E	Z6-031E	Z6-032E



BOX *(non perforated)*





outside dimension	inside dimension	weight
600 x 272 h:100 mm	543 x 258 h:94 mm	1900 g
600 x 272 h:116 mm	543 x 258 h:110 mm	2096 g
600 x 272 h:138 mm	543 x 258 h:132 mm	2205 g
600 x 272 h:190 mm	543 x 258 h:184 mm	2648 g

PERFORATED LID



Dimension: 602 x 285 mm
Weight : 1300 g

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box 	**Z3-740**	540 x 253 h:40 mm
	Z3-741	540 x 253 h:60 mm
	Z3-742	540 x 253 h:80 mm
	Z3-743	540 x 253 h:110 mm

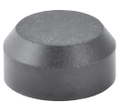
STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



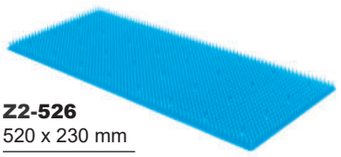
BASKET MADE FROM STAINLESS STEEL WIRE MESH





code	outside dimension
Z2-460	540 x 245 h:30 mm
Z2-461	540 x 245 h:50 mm
Z2-462	540 x 245 h:70 mm
Z2-463	540 x 245 h:100 mm

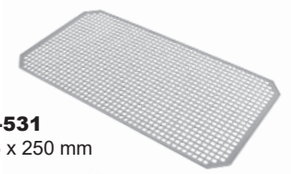
SILICONE MAT



Z2-526
520 x 230 mm

Z2-528
475 x 230 mm

SILICONE MESH MAT



Z2-531
485 x 250 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



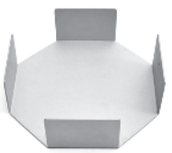
Z2-740
Single use 100 pcs
with indicator. Insidemed
mark.Diameter: 184 mm

ALUMINIUM FILTER RETAINER



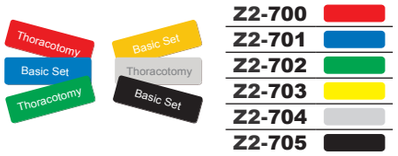
Z2-722
Diameter: 189 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

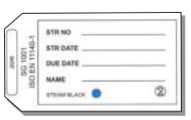
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number.
made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

SECURITY SEAL *(red)*



Z2-665
100 pcs. with number.
made of plastic

A1 MODEL

1/1 full size











STERILE CONTAINER SYSTEMS



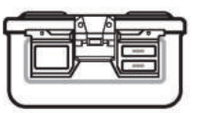


A1 Model

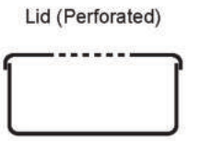
» *3/4 Quarter Size*

3/4 QUARTER SIZE







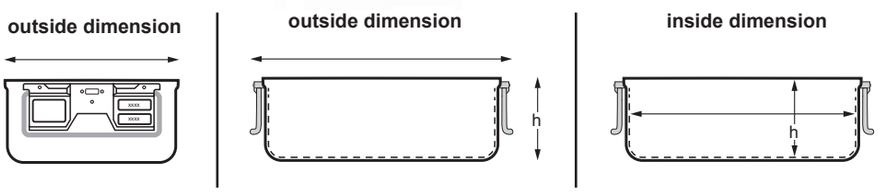


h:110 mm	Z6-240E	Z6-241E	Z6-242E	Z6-243E	Z6-244E
h:130 mm	Z6-246E	Z6-247E	Z6-248E	Z6-249E	Z6-250E
h:155 mm	Z6-252E	Z6-253E	Z6-254E	Z6-255E	Z6-256E



BOX *(non perforated)*





outside dimension	inside dimension	weight
475 x 272 h:100 mm	422 x 258 h:94 mm	1609 g
475 x 272 h:116 mm	422 x 258 h:110 mm	1714 g
475 x 272 h:138 mm	422 x 258 h:132 mm	1842 g

PERFORATED LID



Dimension: 477 x 285 mm
Weight : 1009 g

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box 	**Z3-748**	405 x 253 h:40 mm
	Z3-749	405 x 253 h:60 mm
	Z3-750	405 x 253 h:80 mm
	Z3-751	405 x 253 h:110 mm

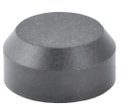
STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



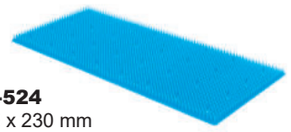
BASKET MADE FROM STAINLESS STEEL WIRE MESH





code	outside dimension
Z2-1500	405 x 245 x h:30 mm
Z2-1501	405 x 245 x h:50 mm
Z2-1502	405 x 245 x h:70 mm
Z2-1503	405 x 245 x h:100 mm

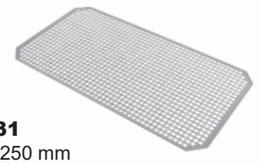
SILICONE MAT



Z2-524
380 x 230 mm

Z2-525
440 x 230 mm

SILICONE MESH MAT



Z2-531
485 x 250 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



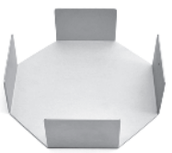
Z2-740
Single use 100 pcs
with indicator. Insidemed
mark.
• Diameter: 184 mm

ALUMINIUM FILTER RETAINER



Z2-722
Diameter: 189 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

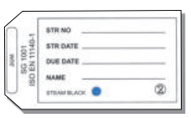
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number.
made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

SECURITY SEAL *(red)*



Z2-665
100 pcs. with number.
made of plastic

A1 MODEL

3/4 Quarter size











STERILE CONTAINER SYSTEMS



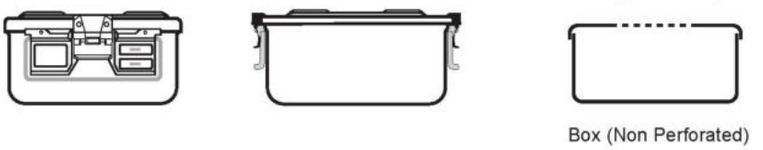


A1 Model

» *1/2 Half Size*

1/2 HALF SIZE



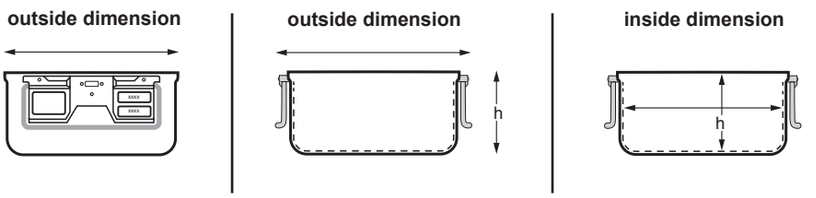


h:110 mm	Z6-500E	Z6-501E	Z6-502E	Z6-503E	Z6-504E
h:130 mm	Z6-506E	Z6-507E	Z6-508E	Z6-509E	Z6-510E
h:150 mm	Z6-512E	Z6-513E	Z6-514E	Z6-515E	Z6-516E
h:200 mm	Z6-518E	Z6-519E	Z6-520E	Z6-521E	Z6-522E



BOX *(non perforated)*





outside dimension	inside dimension	weight
310 x 272 h:100 mm	253 x 258 h:94 mm	1267 g
310 x 272 h:116 mm	253 x 258 h:110 mm	1315 g
310 x 272 h:138 mm	253 x 258 h:132 mm	1427 g
310 x 272 h:190 mm	253 x 258 h:184 mm	1660 g

PERFORATED LID



Dimension: 312 x 280 mm
Weight : 722 g

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box 	**Z3-752**	244 x 253 h:40 mm
	Z3-753	244 x 253 h:60 mm
	Z3-754	244 x 253 h:80 mm
	Z3-755	244 x 253 h:110 mm

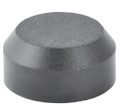
STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm



STAND



code	height
Z3-766	5 mm



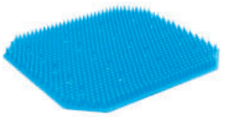
BASKET MADE FROM STAINLESS STEEL WIRE MESH





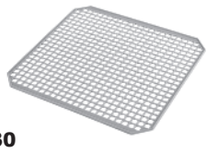
code	outside dimension
Z2-490	246 x 246 x h:30 mm
Z2-491	246 x 246 x h:50 mm
Z2-492	246 x 246 x h:70 mm
Z2-493	246 x 246 x h:100 mm

SILICONE MAT



Z2-521
250 x 235 mm

SILICONE MESH MAT



Z2-530
250 x 240 mm

SILICONE HANDLE



Z2-710
Z2-711
Z2-712
Z2-713
Z2-714
Z2-715

PAPER FILTER



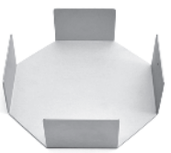
Z2-740
Single use 100 pcs
with indicator. Insidemed
mark.
• Diameter: 184 mm

ALUMINIUM FILTER RETAINER



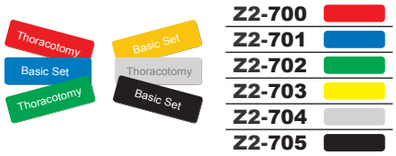
Z2-722
Diameter: 189 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

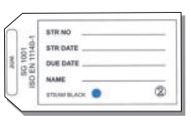
LABELS *(paper)*



Z2-673
100 pcs. With indicator.

For small size and
special containers

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

For full and
Half size containers

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number.
made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator.
made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

SECURITY SEAL *(red)*



Z2-665
100 pcs. with number.
made of plastic

A1 MODEL

1/2 half size











STERILE CONTAINER SYSTEMS



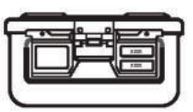
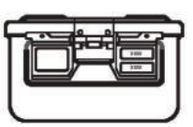
Dental, Mini & Special Model

LARGE DENTAL MODEL CONTAINER



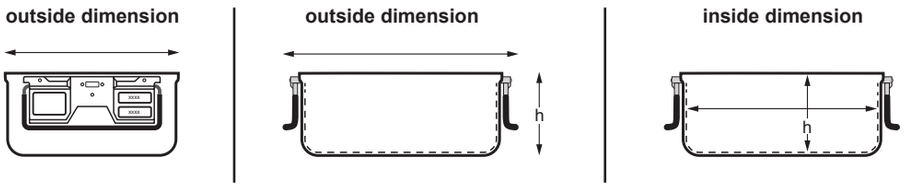




Height \ Specifications	Lid (Perforated) / Box (Non Perforated)
h:115 mm 	Z6-1600
	Z6-1601
	Z6-1602
	Z6-1603
	Z6-1604
	Z6-1605
h:130 mm 	Z6-1606
	Z6-1607
	Z6-1608
	Z6-1609
	Z6-1610
	Z6-1611
h:150 mm 	Z6-1612
	Z6-1613
	Z6-1614
	Z6-1615
	Z6-1616
	Z6-1617

Ps: All container measurements cover the outer size of the lids.

BOX *(non perforated)*





code	outside dimension	inside dimension	weight
Z6-1665	380 x 244 h:100 mm	330 x 234 h:94 mm	1370 g
Z6-1666	380 x 244 h:116 mm	330 x 234 h:112 mm	1465 g
Z6-1667	380 x 244 h:138 mm	330 x 234 h:130 mm	1542 g

PERFORATED LIDS



code	color	weight
Z6-1680		835 g
Z6-1681		
Z6-1682		
Z6-1683		
Z6-1684		
Z6-1685		

Dimension: 380 x 255 mm

LID-BARRIER SYSTEM

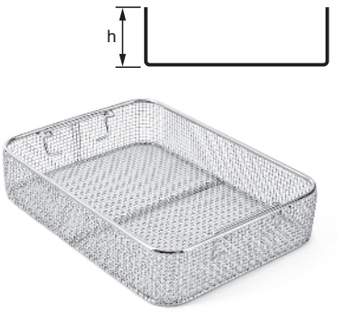


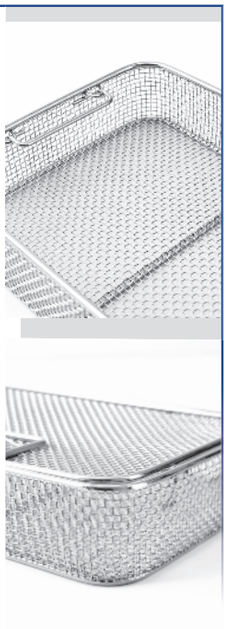
code	color	weight
Z7-1680		969 g
Z7-1681		
Z7-1682		
Z7-1683		
Z7-1684		
Z7-1685		

Dimension: 380 x 255 mm

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET





code	outside dimension
Z3-2000	323 x 222 h:50 mm
Z3-2001	323 x 222 h:70 mm
Z3-2002	323 x 222 h:100 mm

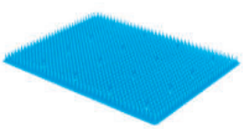
WIRE BASKET WITH LID





code	outside dimension
Z3-2010	323 x 222 h:55 mm
Z3-2011	323 x 222 h:75 mm
Z3-2012	323 x 222 h:105 mm
Z3-2013	ONLY LID, for baskets

SILICONE MAT



Z2-532
280 x 200 mm

DISPOSAL STAMP



Z2-717
40 x 35 x 9 mm
Requested number or letter must be informed during the order.

LABEL HOLDER



Z2-716
50 x 35 x 13 mm
Holder for identification labels

PAPER FILTER



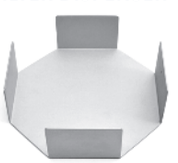
Z2-740
Single use 100 pcs with indicator. Insidemed mark.
• Diameter: 184 mm

TEFLON FILTER



Z2-742
Number of sterilization cycle > 2000
• Diameter: 194 mm

FILTER DISPENSER



Z2-730

IDENTIFICATION LABELS *(aluminium)*



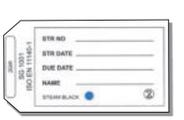
Z2-700
Z2-701
Z2-702
Z2-703
Z2-704
Z2-705

LABELS *(paper)*



Z2-673
100 pcs. With indicator.

LABELS *(paper)*



Z2-672
100 pcs. With indicator.

SECURITY SEAL *(blue)*



Z2-663
100 pcs. with indicator. made of plastic

SECURITY SEAL *(blue)*



Z2-664
100 pcs. made of plastic

SECURITY SEAL *(blue)*



Z2-661
100 pcs. with number. made of plastic

SECURITY SEAL *(red)*



Z2-662
100 pcs. with indicator. made of plastic

SECURITY SEAL *(red)*



Z2-660
100 pcs. made of plastic

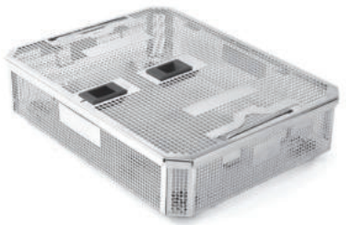
SECURITY SEAL *(red)*

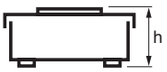
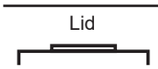


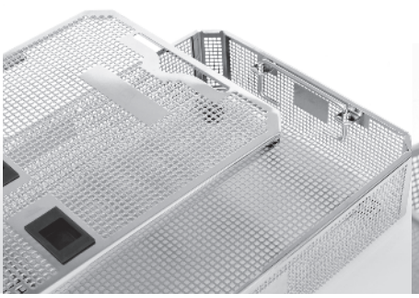
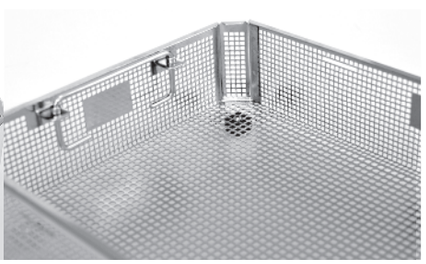
Z2-665
100 pcs. with number. made of plastic

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*



	code	outside dimension
Box and Lid 	**Z3-774**	320 x 220 h:63 mm
	Z3-775	320 x 220 h:83 mm
	Z3-776	320 x 220 h:113 mm
Box 	**Z3-771**	315 x 215 h:60 mm
	Z3-772	315 x 215 h:80 mm
	Z3-773	315 x 215 h:110 mm
Lid 	**Z3-770**	ONLY LID, for baskets

STAND




code	height
Z3-767	20 mm

STAND




code	height
Z3-768	10 mm

STAND




code	height
Z3-766	5 mm

IDENTIFICATION *(aluminium)*

LABEL HOLDER



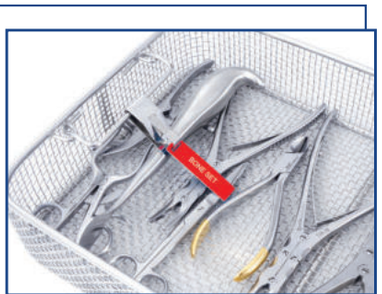
code	color
Z2-560	
Z2-561	
Z2-562	
Z2-563	
Z2-564	
Z2-565	

LABELS



code	color
Z2-570	
Z2-571	
Z2-572	
Z2-573	
Z2-574	
Z2-575	

Coloured identification labels
Engraved to your specification




Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

Specifications / Sizes		Lid (Perforated)	Lid (Perforated)	Lid (Non Perforated)	Lid (with barrier)	Lid (with barrier)
		Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Non Perforated)	Box (with barrier)
325 X 192 X 55 mm		Z6-1800 Z6-1801 Z6-1802 Z6-1803 Z6-1804 Z6-1805	Z6-1820 Z6-1821 Z6-1822 Z6-1823 Z6-1824 Z6-1825	Z6-1840 Z6-1841 Z6-1842 Z6-1843 Z6-1844 Z6-1845	Z7-1800 Z7-1801 Z7-1802 Z7-1803 Z7-1804 Z7-1805	N/A
325 X 190 X 70 mm		Z6-1806 Z6-1807 Z6-1808 Z6-1809 Z6-1810 Z6-1811	Z6-1826 Z6-1827 Z6-1828 Z6-1829 Z6-1830 Z6-1831	Z6-1846 Z6-1847 Z6-1848 Z6-1849 Z6-1850 Z6-1851	Z7-1806 Z7-1807 Z7-1808 Z7-1809 Z7-1810 Z7-1811	Z7-1826 Z7-1827 Z7-1828 Z7-1829 Z7-1830 Z7-1831
325 X 190 X 135 mm		Z6-1812 Z6-1813 Z6-1814 Z6-1815 Z6-1816 Z6-1817	Z6-1832 Z6-1833 Z6-1834 Z6-1835 Z6-1836 Z6-1837	Z6-1852 Z6-1853 Z6-1854 Z6-1855 Z6-1856 Z6-1857	Z7-1812 Z7-1813 Z7-1814 Z7-1815 Z7-1816 Z7-1817	Z7-1832 Z7-1833 Z7-1834 Z7-1835 Z7-1836 Z7-1837

Ps: All container measurements cover size of filter based lids.

WIRE BASKET *(with lid)*





code	outside dimension
Z3-611	270 x 175 x h:45 mm

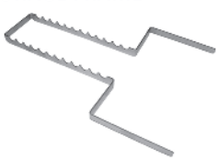
WIRE BASKET





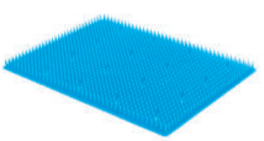
code	outside dimension
Z3-1070	270 x 170 x h:38 mm

STORAGE FRAME



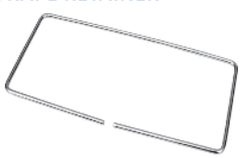
code	outside dimension
Z3-609	273 x 180 x 13 mm

SILICONE MAT



code	outside dimension
Z2-529	260 x 180 mm

DRAPE RETAINER

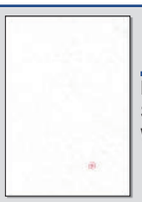


code	outside dimension
Z3-610	277 x 175 mm

FILTERS



code **Z3-612**
Dimension: 165 x 235 mm
Single use **paper filter** 100 pcs.
With indicator, Insidemed mark.

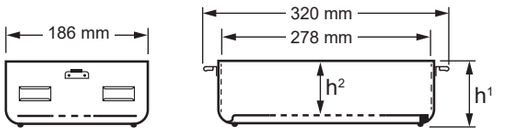


code **Z3-615**
Dimension: 165 x 235 mm
Single use **paper filter** 100 pcs.
With indicator, No marking.



code **Z2-743**
Dimension: 150 x 233 mm
Teflon Filter
Number of sterilization cycle > 2000

PERFORATED BOTTOMS





code	Z6-1860
outside dimension	320 x 186 x h^1:43 mm
inside dimension	278 x 184 x h^2:28 mm
weight	493 g



code	Z6-1861
outside dimension	320 x 186 x h^1:58 mm
inside dimension	278 x 184 x h^2:46 mm
weight	535 g

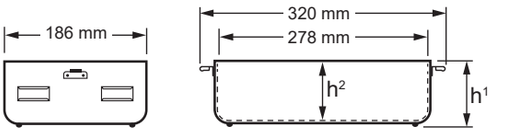


code	Z6-1863
outside dimension	320 x 186 x h^1:102 mm
inside dimension	278 x 184 x h^2:93 mm
weight	658 g



code	Z6-1862
outside dimension	320 x 186 x h^1:122 mm
inside dimension	278 x 184 x h^2:110 mm
weight	745 g

SOLID BOTTOMS





code	Z6-1865
outside dimension	320 x 186 x h^1:43 mm
inside dimension	278 x 184 x h^2:38 mm
weight	355 g



code	Z6-1866
outside dimension	320 x 186 x h^1:59 mm
inside dimension	278 x 184 x h^2:54 mm
weight	415 g



code	Z6-1868
outside dimension	320 x 186 x h^1:102 mm
inside dimension	278 x 184 x h^2:98 mm
weight	560 g



code	Z6-1867
outside dimension	320 x 186 x h^1:122 mm
inside dimension	278 x 184 x h^2:118 mm
weight	634 g

PERFORATED LIDS



code	color	weight
Z6-1880		638 g
Z6-1881		
Z6-1882		
Z6-1883		
Z6-1884		
Z6-1885		

Dimension: 325 x 192 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-1870		516 g
Z6-1871		
Z6-1872		
Z6-1873		
Z6-1874		
Z6-1875		

Dimension: 325 x 192 mm

BIO-BARRIER LIDS



code	color	weight
Z7-1880		862 g
Z7-1881		
Z7-1882		
Z7-1883		
Z7-1884		
Z7-1885		

Dimension: 325 x 192 mm

Sizes \ Specifications	Lid (Perforated) / Box (Non Perforated)	Lid (Perforated) / Box (Perforated)	Lid (Non Perforated) / Box (Non Perforated)
232 X 174 X 63 mm 	Z6-1500 Z6-1501 Z6-1502 Z6-1503 Z6-1504 Z6-1505	Z6-1520 Z6-1521 Z6-1522 Z6-1523 Z6-1524 Z6-1525	Z6-1540 Z6-1541 Z6-1542 Z6-1543 Z6-1544 Z6-1545
232 X 174 X 100 mm 	Z6-1506 Z6-1507 Z6-1508 Z6-1509 Z6-1510 Z6-1511	Z6-1526 Z6-1527 Z6-1528 Z6-1529 Z6-1530 Z6-1531	Z6-1546 Z6-1547 Z6-1548 Z6-1549 Z6-1550 Z6-1551
232 X 174 X 130 mm 	Z6-1512 Z6-1513 Z6-1514 Z6-1515 Z6-1516 Z6-1517	Z6-1532 Z6-1533 Z6-1534 Z6-1535 Z6-1536 Z6-1537	Z6-1552 Z6-1553 Z6-1554 Z6-1555 Z6-1556 Z6-1557

Ps: All container measurements cover the outer size of the lids.

WIRE BASKET *(with lid)*





code	outside dimension
Z2-995	175 x 153 x h:45 mm

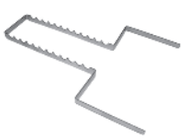
WIRE BASKET





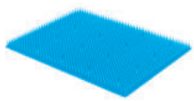
code	outside dimension
Z3-1079	175 x 144 x h:40 mm

STORAGE FRAME



code	outside dimension
Z3-608	170 x 140 mm

SILICONE MAT



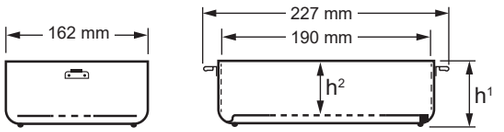
code	outside dimension
Z2-519	160 x 135 mm

DRAPE RETAINER



code	outside dimension
Z3-607	170 x 140 mm

PERFORATED BOTTOMS





code	Z6-1560
outside dimension	227 x 162 x h^1:57 mm
inside dimension	190 x 158 x h^2:40 mm
weight	386 g

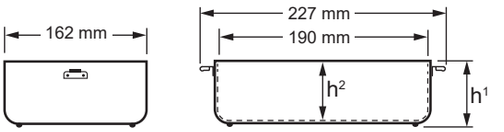


code	Z6-1561
outside dimension	227 x 162 x h^1:88 mm
inside dimension	190 x 158 x h^2:80 mm
weight	463 g



code	Z6-1562
outside dimension	227 x 162 x h^1:122 mm
inside dimension	190 x 158 x h^2:110 mm
weight	525 g

SOLID BOTTOMS





code	Z6-1565
outside dimension	227 x 162 x h^1:57 mm
inside dimension	190 x 158 x h^2:48 mm
weight	233 g



code	Z6-1566
outside dimension	227 x 162 x h^1:88 mm
inside dimension	190 x 158 x h^2:88 mm
weight	325 g



code	Z6-1567
outside dimension	227 x 162 x h^1:122 mm
inside dimension	190 x 158 x h^2:118 mm
weight	382 g

FILTERS



code **Z2-781**
Dimension: 130 x 130 mm
Single use **paper filter** 100 pcs.
With indicator,Insidemed mark.



code **Z2-780**
Dimension: 130 x 130 mm
Single use **paper filter** 100 pcs.
With indicator, No marking.



code **Z2-782**
Dimension: 130 x 130 mm
Teflon Filter
Number of sterilization cycle > 2000

PERFORATED LIDS

code	color	weight
Z6-1570		488 g
Z6-1571		
Z6-1572		
Z6-1573		
Z6-1574		
Z6-1575		

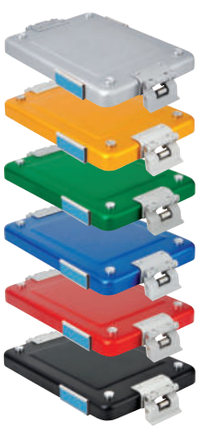
Dimension: 232 x 174 mm



REMOVAL LIDS *(non perforated)*

code	color	weight
Z6-1580		360 g
Z6-1581		
Z6-1582		
Z6-1583		
Z6-1584		
Z6-1585		

Dimension: 232 x 174 mm



Sizes \ Specifications	Lid (Perforated)	Lid (Perforated)	Lid (Non Perforated)	Lid (with barrier)	Lid (with barrier)
	Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Non Perforated)	Box (with barrier)
315 X 142 X 45 mm	Z6-1900	Z6-1920	Z6-1940	Z7-1900	N/A
	Z6-1901	Z6-1921	Z6-1941	Z7-1901	
	Z6-1902	Z6-1922	Z6-1942	Z7-1902	
	Z6-1903	Z6-1923	Z6-1943	Z7-1903	
	Z6-1904	Z6-1924	Z6-1944	Z7-1904	
	Z6-1905	Z6-1925	Z6-1945	Z7-1905	
315 X 142 X 70 mm	Z6-1906	Z6-1926	Z6-1946	Z7-1906	Z7-1926
	Z6-1907	Z6-1927	Z6-1947	Z7-1907	Z7-1927
	Z6-1908	Z6-1928	Z6-1948	Z7-1908	Z7-1928
	Z6-1909	Z6-1929	Z6-1949	Z7-1909	Z7-1929
	Z6-1910	Z6-1930	Z6-1950	Z7-1910	Z7-1930
	Z6-1911	Z6-1931	Z6-1951	Z7-1911	Z7-1931
315 X 142 X 100 mm	Z6-1912	Z6-1932	Z6-1952	Z7-1912	Z7-1932
	Z6-1913	Z6-1933	Z6-1953	Z7-1913	Z7-1933
	Z6-1914	Z6-1934	Z6-1954	Z7-1914	Z7-1934
	Z6-1915	Z6-1935	Z6-1955	Z7-1915	Z7-1935
	Z6-1916	Z6-1936	Z6-1956	Z7-1916	Z7-1936
	Z6-1917	Z6-1937	Z6-1957	Z7-1917	Z7-1937

Ps: All container measurements cover size of filter based lids.

WIRE BASKET *(with lid)*





code	outside dimension
Z2-993	268 x 127 x h:47 mm

WIRE BASKET





code	outside dimension
Z3-1073	268 x 117 x h:43 mm

WIRE BASE



code	outside dimension
Z2-992	270 x 125 mm

SILICONE MAT



code	outside dimension
Z2-520	275 x 125 mm

DRAPE RETAINER



code	outside dimension
Z2-990	270 x 125 mm

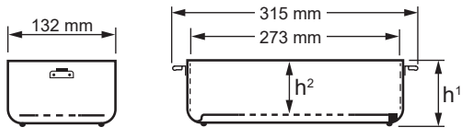
PORTABLE CARRIER *(for small containers)*



code	**Z2-991**
Width	325 mm
Height	328 mm
Depth	145 mm

Wire suspenders, adjustable as required.
Adjasting key of suspender is included.

PERFORATED BOTTOMS





code	Z6-1960
outside dimension	315 x 132 x h1:32 mm
inside dimension	273 x 128 x h2:18 mm
weight	338 g

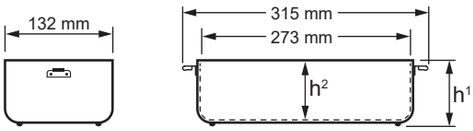


code	Z6-1961
outside dimension	315 x 132 x h1:63 mm
inside dimension	273 x 128 x h2:48 mm
weight	432 g



code	Z6-1962
outside dimension	315 x 132 x h1:92 mm
inside dimension	273 x 128 x h2:78 mm
weight	523 g

SOLID BOTTOMS





code	Z6-1965
outside dimension	315 x 132 x h1:32 mm
inside dimension	273 x 128 x h2:30 mm
weight	232 g



code	Z6-1966
outside dimension	315 x 132 x h1:63 mm
inside dimension	273 x 128 x h2:58 mm
weight	315 g



code	Z6-1967
outside dimension	315 x 132 x h1:92 mm
inside dimension	273 x 128 x h2:90 mm
weight	419 g

FILTERS



code **Z2-760**
Dimension: 230 x 120 mm
Single use **paper filter** 100 pcs.
With indicator, Insidemed mark.



code **Z2-761**
Dimension: 230 x 120 mm
Single use **paper filter** 100 pcs.
With indicator, No marking.



code **Z2-744**
Dimension: 215 x 100 mm
Teflon Filter
Number of sterilization cycle > 2000

PERFORATED LIDS



code	color	weight
Z6-1970		513 g
Z6-1971		
Z6-1972		
Z6-1973		
Z6-1974		
Z6-1975		

Dimension: 315 x 140 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-1980		412 g
Z6-1981		
Z6-1982		
Z6-1983		
Z6-1984		
Z6-1985		

Dimension: 315 x 140 mm

BIO-BARRIER LIDS



code	color	weight
Z7-1970		686 g
Z7-1971		
Z7-1972		
Z7-1973		
Z7-1974		
Z7-1975		

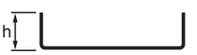
Dimension: 315 x 142 mm

Sizes \ Specifications	Lid (Perforated)	Lid (Perforated)	Lid (Non Perforated)	Lid (with barrier)	Lid (with barrier)
	Box (Non Perforated)	Box (Perforated)	Box (Non Perforated)	Box (Non Perforated)	Box (with barrier)
297 X 280 X 75 mm 	Z6-1710 Z6-1711 Z6-1712 Z6-1713 Z6-1714 Z6-1715	Z6-1730 Z6-1731 Z6-1732 Z6-1733 Z6-1734 Z6-1735	Z6-1750 Z6-1751 Z6-1752 Z6-1753 Z6-1754 Z6-1755	Z7-1710 Z7-1711 Z7-1712 Z7-1713 Z7-1714 Z7-1715	N/A
297 X 280 X 90 mm 	Z6-1716 Z6-1717 Z6-1718 Z6-1719 Z6-1720 Z6-1721	Z6-1736 Z6-1737 Z6-1738 Z6-1739 Z6-1740 Z6-1741	Z6-1756 Z6-1757 Z6-1758 Z6-1759 Z6-1760 Z6-1761	Z7-1716 Z7-1717 Z7-1718 Z7-1719 Z7-1720 Z7-1721	Z7-1736 Z7-1737 Z7-1738 Z7-1739 Z7-1740 Z7-1741

Ps: All container measurements cover the outer size of the lids.

WIRE BASKET





code	outside dimension
Z2-490	246 x 246 x h:30 mm
Z2-491	246 x 246 x h:50 mm

SILICONE MAT



code	outside dimension
Z2-521	250 x 235 mm

WIRE BASE



code	outside dimension
Z2-482	255 x 255 x 30 mm

PAPER FILTER



code	Z2-740
Diameter	184 mm

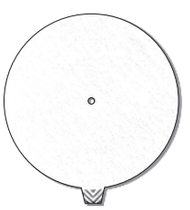
Single use 100 pcs with indicator. Insidemed mark.

DRAPE RETAINER



code	outside dimension
Z2-480	255 x 255 mm

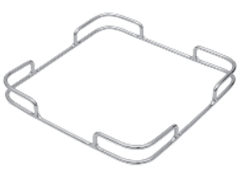
PAPER FILTER



code	Z2-741
Diameter	184 mm

Single use 100 pcs with indicator. No marking.

DRAPE RETAINER



code	outside dimension
Z2-481	255 x 255 x 30 mm

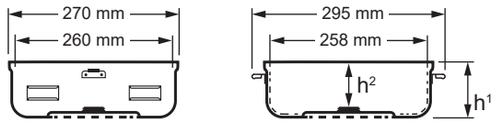
TEFLON FILTER



code	Z2-742
Diameter	194 mm

Number of sterilization cycle > 2000

PERFORATED BOTTOMS



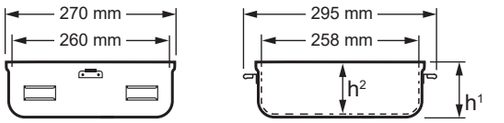


code	Z6-1770
outside dimension	295 x 270 x h^1:60 mm
inside dimension	258 x 260 x h^2:40 mm
weight	771 g



code	Z6-1771
outside dimension	295 x 270 x h^1:72 mm
inside dimension	258 x 260 x h^2:52 mm
weight	789 g

SOLID BOTTOMS





code	Z6-1775
outside dimension	295 x 270 x h^1:60 mm
inside dimension	258 x 260 x h^2:56 mm
weight	614 g



code	Z6-1776
outside dimension	295 x 270 x h^1:72 mm
inside dimension	258 x 260 x h^2:66 mm
weight	697 g

PERFORATED LIDS



code	color	weight
Z6-1780		720 g
Z6-1781		
Z6-1782		
Z6-1783		
Z6-1784		
Z6-1785		

Dimension: 292 x 280 mm

REMOVAL LIDS *(non perforated)*



code	color	weight
Z6-1790		617 g
Z6-1791		
Z6-1792		
Z6-1793		
Z6-1794		
Z6-1795		

Dimension: 292 x 280 mm

BIO-BARRIER LIDS



code	color	weight
Z7-1780		965 g
Z7-1781		
Z7-1782		
Z7-1783		
Z7-1784		
Z7-1785		

Dimension: 292 x 280 mm

SAFETY LIDS



code	color	weight
Z6-1418		630 g
Z6-1419		
Z6-1420		
Z6-1421		
Z6-1422		
Z6-1423		

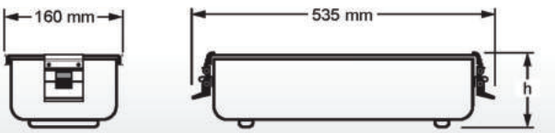
BIO-BARRIER SAFETY LID



code	color	weight
Z7-1418		670 g
Z7-1419		
Z7-1420		
Z7-1421		
Z7-1422		
Z7-1423		

ENDO MODEL CONTAINER







color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1400**	535 x 160 h:75 mm
		Z6-1406	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1412**	535 x 160 h:75 mm
		Z6-1432	535 x 160 h:100 mm

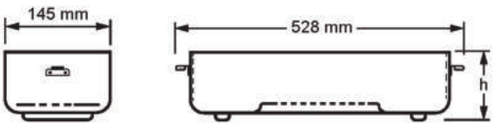
color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1401**	535 x 160 h:75 mm
		Z6-1407	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1413**	535 x 160 h:75 mm
		Z6-1433	535 x 160 h:100 mm

color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1402**	535 x 160 h:75 mm
		Z6-1408	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1414**	535 x 160 h:75 mm
		Z6-1434	535 x 160 h:100 mm

color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1403**	535 x 160 h:75 mm
		Z6-1409	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1415**	535 x 160 h:75 mm
		Z6-1435	535 x 160 h:100 mm

color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1404**	535 x 160 h:75 mm
		Z6-1410	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1416**	535 x 160 h:75 mm
		Z6-1436	535 x 160 h:100 mm

color	Specificiations	code	outside dimension
	Lid (Perforated) Box (Perforated)	**Z6-1405**	535 x 160 h:75 mm
		Z6-1411	535 x 160 h:100 mm
	Lid (Perforated) Box (Non Perforated)	**Z6-1417**	535 x 160 h:75 mm
		Z6-1437	535 x 160 h:100 mm



PERFORATED BOTTOMS



code	outside dimension	weight
Z6-1100	528 x 145 h:64 mm	676 g
Z6-1101	528 x 145 h:88 mm	786 g

SOLID BOTTOMS



code	outside dimension	weight
Z6-1105	528 x 145 h:64 mm	668 g
Z6-1106	528 x 145 h:88 mm	778 g

PERFORATED LIDS



Dimension: 532 x 160 mm

code	color	weight
Z6-1000		795 g
Z6-1001		
Z6-1002		
Z6-1003		
Z6-1004		
Z6-1005		

FILTERS



code **Z2-760**
Dimension: 230 x 120 mm
Single use **paper filter** 100 pcs.
With indicator, Aygun mark.



code **Z2-761**
Dimension: 230 x 120 mm
Single use **paper filter** 100 pcs.
With indicator, No marking.



code **Z2-744**
Dimension: 215 x 100 mm
Teflon Filter
Number of sterilization cycle > 2000

LABELS *(paper)*



Z2-673
100 pcs. With indicator.

LABELS *(paper)*



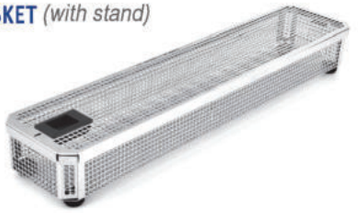
Z2-672
100 pcs. With indicator.

IDENTIFICATION LABELS *(aluminium)*

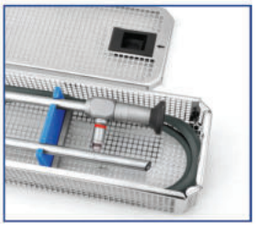


Z2-700	
Z2-701	
Z2-702	
Z2-703	
Z2-704	
Z2-705	

BASKET *(with stand)*



code	outside dimension
Z3-1054	492 x 134 x 55 mm
Z3-1055	492 x 134 x 65 mm



TRAY LAPAROSCOPY

PPSU Polymer



color	code	outside dimension
Grey	**KP-1398Z**	505 x 80 x 80 mm
	KP-1399Z	505 x 155 x 80 mm
Yellow	**KP-1400Z**	505 x 80 x 80 mm
	KP-1401Z	505 x 155 x 80 mm
Blue	**KP-1402Z**	505 x 80 x 80 mm
	KP-1403Z	505 x 155 x 80 mm
Red	**KP-1404Z**	505 x 80 x 80 mm
	KP-1405Z	505 x 155 x 80 mm
Black	**KP-1406Z**	505 x 80 x 80 mm
	KP-1407Z	505 x 155 x 80 mm
Transparent	**KP-1408Z**	505 x 80 x 80 mm
	KP-1409Z	505 x 155 x 80 mm

IMPLANT MODEL CONTAINERS

Specifications / Sizes	Lid (Perforated) / Box (Non Perforated)	Lid (Perforated) / Box (Perforated)	Lid (Non Perforated) / Box (Non Perforated)
300 X 150 X 75 mm	Z5-010 Z5-011 Z5-012 Z5-013 Z5-014 Z5-015	Z5-022 Z5-023 Z5-024 Z5-025 Z5-026 Z5-027	Z5-034 Z5-035 Z5-036 Z5-037 Z5-038 Z5-039
500 X 170 X 75 mm	Z5-016 Z5-017 Z5-018 Z5-019 Z5-020 Z5-021	Z5-028 Z5-029 Z5-030 Z5-031 Z5-032 Z5-033	Z5-040 Z5-041 Z5-042 Z5-043 Z5-044 Z5-045

No filter





Ps: All container measurements cover the outer size of the lids.

MINI IMPLANT MODEL CONTAINERS

Specifications / Sizes	Lid (Perforated) / Box (Non Perforated)	Lid (Perforated) / Box (Perforated)	Lid (Non Perforated) / Box (Non Perforated)
160 X 72 X 57 mm	Z5-200 Z5-201 Z5-202 Z5-203 Z5-204 Z5-205	Z5-212 Z5-213 Z5-214 Z5-215 Z5-216 Z5-217	Z5-224 Z5-225 Z5-226 Z5-227 Z5-228 Z5-229
200 X 147 X 57 mm	Z5-206 Z5-207 Z5-208 Z5-209 Z5-210 Z5-211	Z5-218 Z5-219 Z5-220 Z5-221 Z5-222 Z5-223	Z5-230 Z5-231 Z5-232 Z5-233 Z5-234 Z5-235

No filter





Ps: All container measurements cover the outer size of the lids.

No filter

SCOPY MODEL CONTAINERS

Specifications / Sizes	Lid (Perforated) / Box (Non Perforated)	Lid (Perforated) / Box (Perforated)
260 X 70 X 60 mm 	Z5-060 Z5-061 Z5-062 Z5-063 Z5-064 Z5-065	Z5-072 Z5-073 Z5-074 Z5-075 Z5-076 Z5-077
455 X 80 X 70 mm 	Z5-066 Z5-067 Z5-068 Z5-069 Z5-070 Z5-071	Z5-078 Z5-079 Z5-080 Z5-081 Z5-082 Z5-083





Ps: All container measurements cover the outer size of the lids.

SCOPY MODEL CONTAINERS *(with silicon holders)*

Specifications / Sizes	Lid (Perforated) / Box (Non Perforated)	Lid (Perforated) / Box (Perforated)
275 X 70 X 65 mm 	Z5-100 Z5-101 Z5-102 Z5-103 Z5-104 Z5-105	Z5-115 Z5-116 Z5-117 Z5-118 Z5-119 Z5-120
470 X 82 X 74 mm 	Z5-106 Z5-107 Z5-108 Z5-109 Z5-110 Z5-111	Z5-121 Z5-122 Z5-123 Z5-124 Z5-125 Z5-126



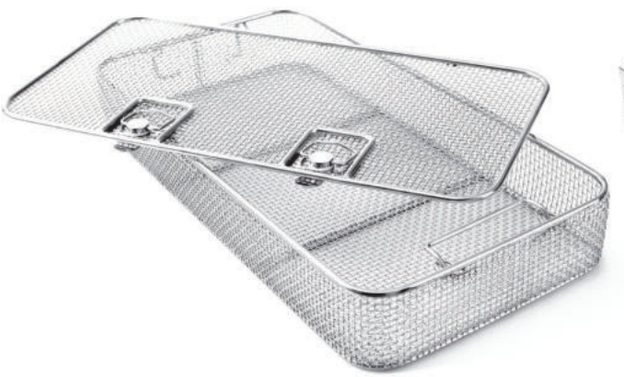
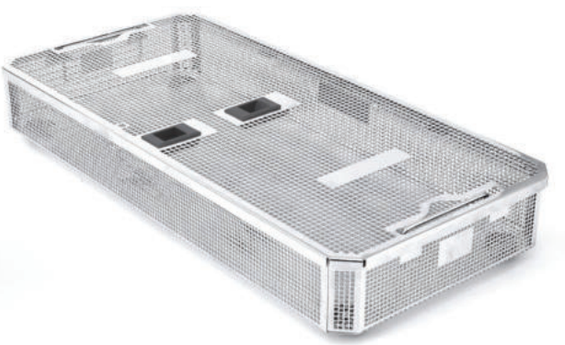


Ps: All container measurements cover the outer size of the lids.

STERILE CONTAINER SYSTEMS



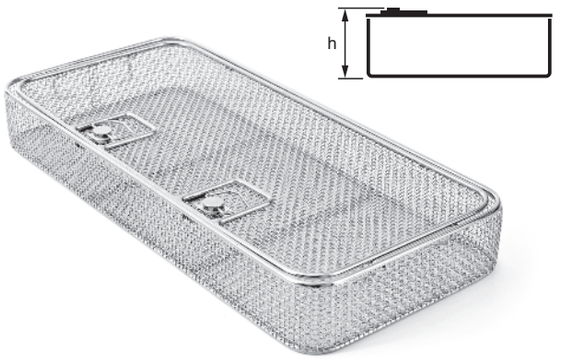


BASKETS

BASKET MADE FROM STAINLESS STEEL WIRE MESH

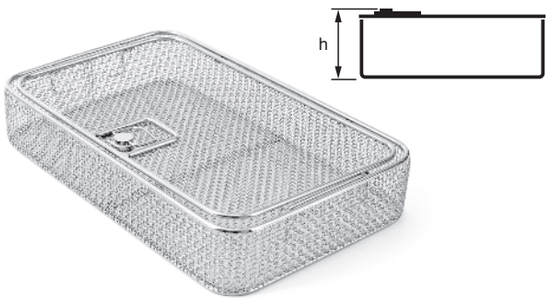
WIRE BASKET WITH LID



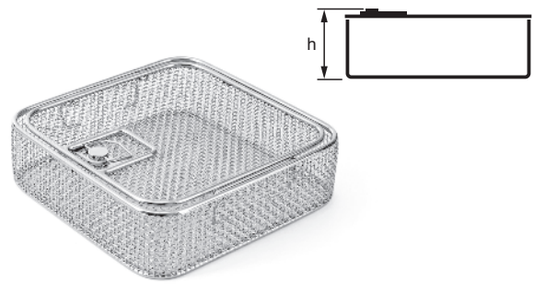
code	outside dimension
Z3-1010	540 x 245 h:35 mm
Z3-1011	540 x 245 h:55 mm
Z3-1012	540 x 245 h:75 mm
Z3-1013	540 x 245 h:105 mm
Z3-1014	ONLY LID, for baskets



code	outside dimension
Z3-1020	480 x 245 h:35 mm
Z3-1021	480 x 245 h:55 mm
Z3-1022	480 x 245 h:75 mm
Z3-1023	480 x 245 h:105 mm
Z3-1024	ONLY LID, for baskets

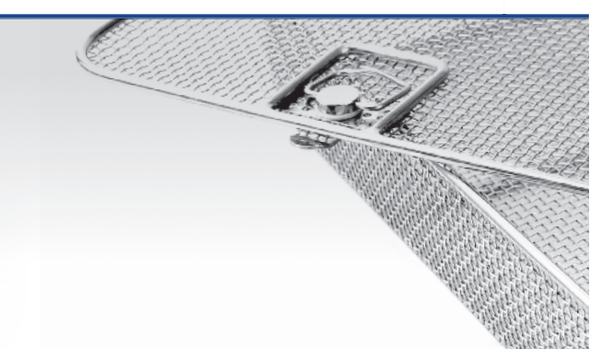


code	outside dimension
Z3-1030	405 x 245 h:35 mm
Z3-1031	405 x 245 h:55 mm
Z3-1032	405 x 245 h:75 mm
Z3-1033	405 x 245 h:105 mm
Z3-1034	ONLY LID, for baskets

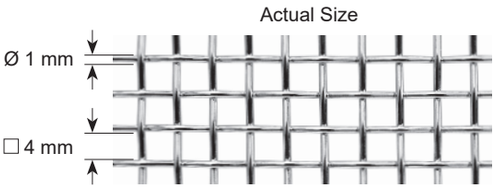


code	outside dimension
Z3-1040	246 x 246 h:35 mm
Z3-1041	246 x 246 h:55 mm
Z3-1042	246 x 246 h:75 mm
Z3-1043	246 x 246 h:105 mm
Z3-1045	ONLY LID, for baskets





Mesh grid



WIRE BASKETS



code	outside dimension
Z2-460	540 x 245 h:30 mm
Z2-461	540 x 245 h:50 mm
Z2-462	540 x 245 h:70 mm
Z2-463	540 x 245 h:100 mm



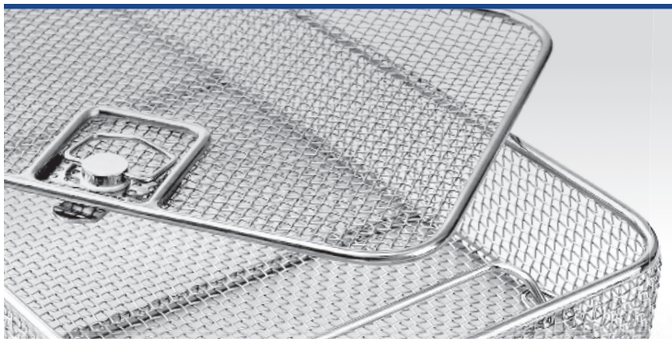
code	outside dimension
Z2-450	480 x 245 h:30 mm
Z2-451	480 x 245 h:50 mm
Z2-452	480 x 245 h:70 mm
Z2-453	480 x 245 h:100 mm

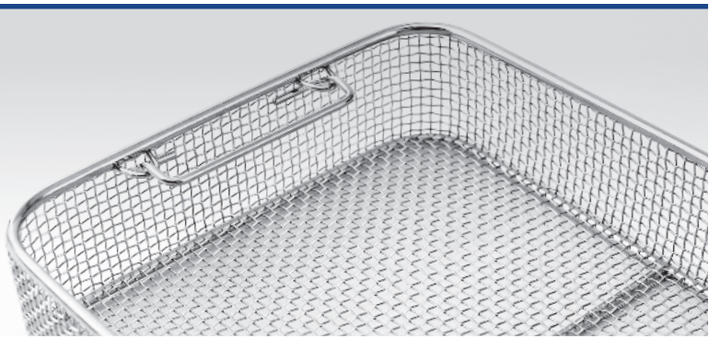


code	outside dimension
Z2-1500	405 x 245 x h:30 mm
Z2-1501	405 x 245 x h:50 mm
Z2-1502	405 x 245 x h:70 mm
Z2-1503	405 x 245 x h:100 mm



code	outside dimension
Z2-490	246 x 246 x h:30 mm
Z2-491	246 x 246 x h:50 mm
Z2-492	246 x 246 x h:70 mm
Z2-493	246 x 246 x h:100 mm





BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET WITH LID





code	outside dimension
Z3-2010	300 x 220 h:55 mm
Z3-2011	300 x 220 h:75 mm
Z3-2012	300 x 220 h:105 mm
Z3-2013	ONLY LID, for baskets





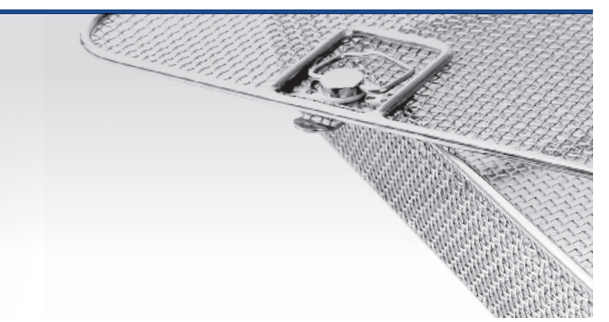
code	outside dimension
Z3-1704	533 x 337 h:55 mm
Z3-1705	533 x 337 h:75 mm
Z3-1706	533 x 337 h:105 mm
Z3-1707	ONLY LID, for baskets





code	outside dimension
Z3-1804	665 x 250 h:55 mm
Z3-1805	665 x 250 h:75 mm
Z3-1806	665 x 250 h:105 mm
Z3-1807	ONLY LID, for baskets





Mesh grid

Actual Size



WIRE BASKETS





code	outside dimension
Z3-2000	300 x 220 h:50 mm
Z3-2001	300 x 220 h:70 mm
Z3-2002	300 x 220 h:100 mm



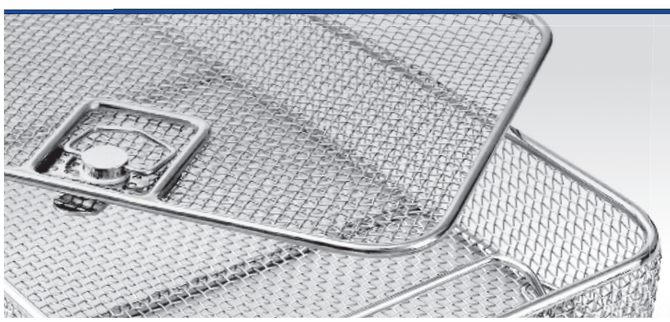


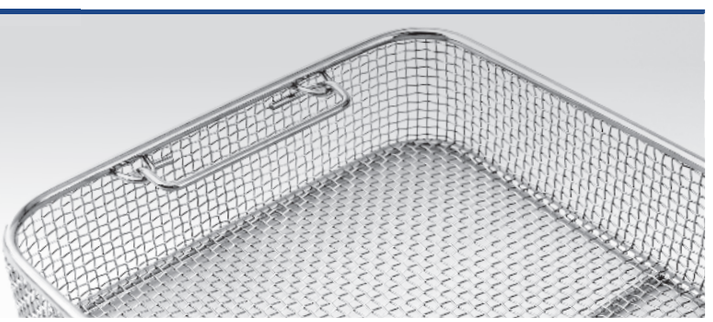
code	outside dimension
Z2-1701	533 x 337 h:50 mm
Z2-1702	533 x 337 h:70 mm
Z2-1703	533 x 337 h:100 mm





code	outside dimension
Z2-1801	665 x 250 h:50 mm
Z2-1802	665 x 250 h:70 mm
Z2-1803	665 x 250 h:100 mm





WIRE BASKET WITH PERFORATED METAL PLATE

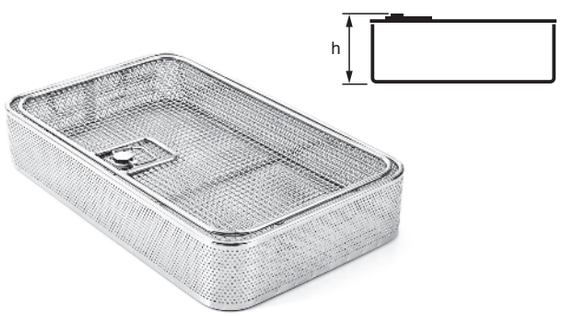
WIRE BASKET WITH LID



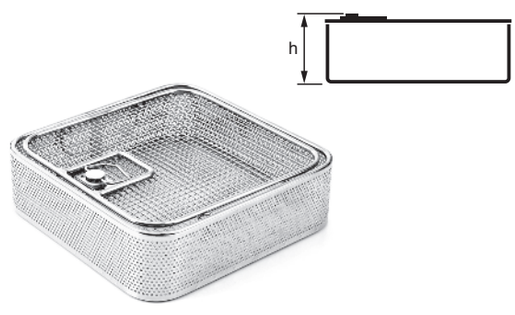
code	outside dimension
Z3-1011 P	540 x 245 h:55 mm
Z3-1012 P	540 x 245 h:75 mm
Z3-1013 P	540 x 245 h:105 mm
Z3-1014 P	ONLY LID, for baskets



code	outside dimension
Z3-1021 P	480 x 245 h:55 mm
Z3-1022 P	480 x 245 h:75 mm
Z3-1023 P	480 x 245 h:105 mm
Z3-1024 P	ONLY LID, for baskets



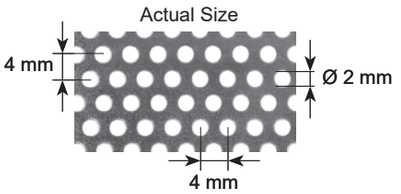
code	outside dimension
Z3-1031 P	405 x 246 x h:55 mm
Z3-1032 P	405 x 246 x h:75 mm
Z3-1033 P	405 x 246 x h:105 mm
Z3-1034 P	ONLY LID, for baskets



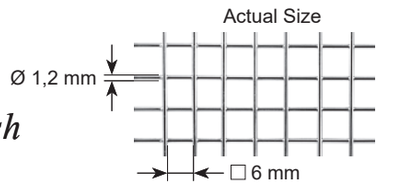
code	outside dimension
Z3-1041 P	246 x 246 x h:55 mm
Z3-1042 P	246 x 246 x h:75 mm
Z3-1043 P	246 x 246 x h:105 mm
Z3-1045 P	ONLY LID, for baskets



Side Plate
304 ss sheet



Base
304 ss wire mesh



WIRE BASKETS





code	outside dimension
Z2-461 P	540 x 245 h:50 mm
Z2-462 P	540 x 245 h:70 mm
Z2-463 P	540 x 245 h:100 mm





code	outside dimension
Z2-451 P	480 x 245 h:50 mm
Z2-452 P	480 x 245 h:70 mm
Z2-453 P	480 x 245 h:100 mm





code	outside dimension
Z2-1501 P	405 x 246 x h:50 mm
Z2-1502 P	405 x 246 x h:70 mm
Z2-1503 P	405 x 246 x h:100 mm

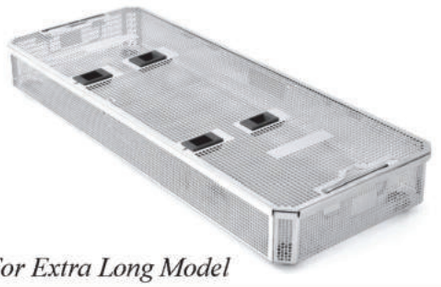
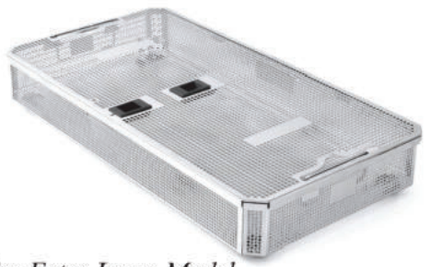
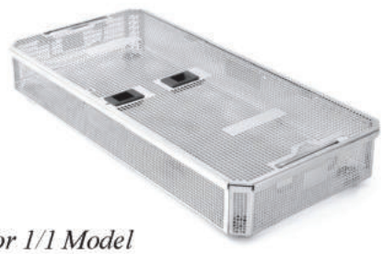
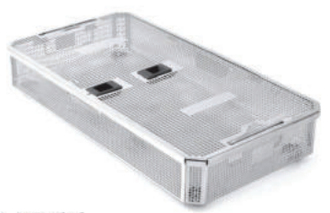


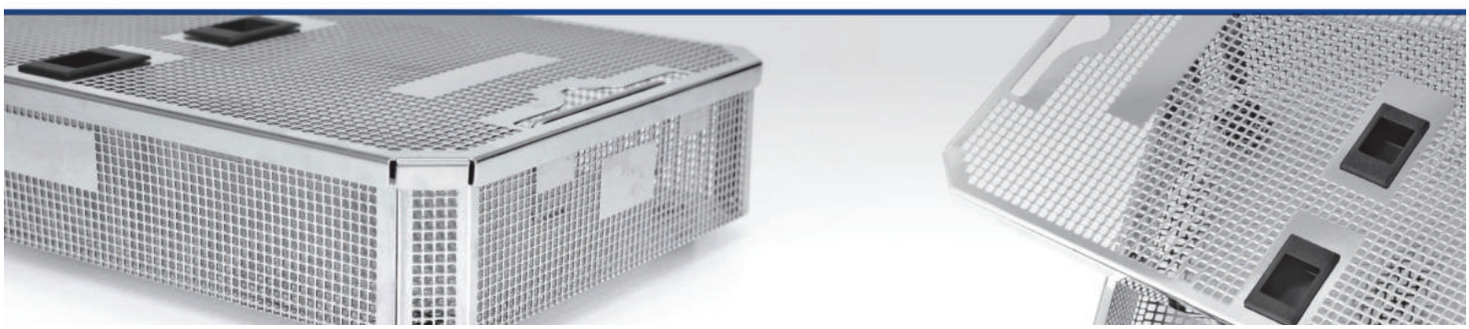


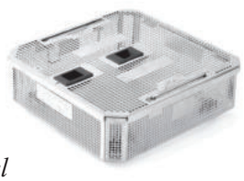
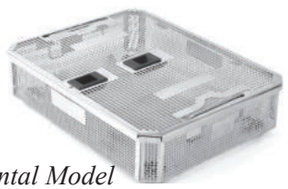
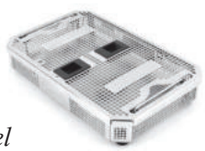
code	outside dimension
Z2-491 P	246 x 246 x h:50 mm
Z2-492 P	246 x 246 x h:70 mm
Z2-493 P	246 x 246 x h:100 mm



BASKET MADE FROM STAINLESS STEEL SHEET *(WITH STAND)*

Sizes \ Specifications	h=1 (mm)	h=2 (mm)	Box and Lid	Box	Lid
671 x 259 x h  ► *For Extra Long Model*	40 mm	44 mm	Z3-715	Z3-711	Z3-710
	60 mm	64 mm	Z3-716	Z3-712	
	80 mm	84 mm	Z3-717	Z3-713	
	110 mm	114 mm	Z3-718	Z3-714	
539 x 346 x h  ► *For Extra Large Model*	40 mm	44 mm	Z3-701	Z3-705	Z3-709
	60 mm	64 mm	Z3-702	Z3-706	
	80 mm	84 mm	Z3-703	Z3-707	
	110 mm	114 mm	Z3-704	Z3-708	
546 x 259 x h  ► *For 1/1 Model*	40 mm	44 mm	Z3-720	Z3-740	Z3-760
	60 mm	64 mm	Z3-721	Z3-741	
	80 mm	84 mm	Z3-722	Z3-742	
	110 mm	114 mm	Z3-723	Z3-743	
491 x 259 x h  ► *For 1/1 Model*	40 mm	44 mm	Z3-724	Z3-744	Z3-761
	60 mm	64 mm	Z3-725	Z3-745	
	80 mm	84 mm	Z3-726	Z3-746	
	110 mm	114 mm	Z3-727	Z3-747	



Sizes / Specifications		h=1 (mm)	h=2 (mm)	Box and Lid	Box	Lid
411 x 259 x h	 ▶ *For 3/4 Model*	40 mm	44 mm	**Z3-728**	**Z3-748**	**Z3-762**
		60 mm	64 mm	**Z3-729**	**Z3-749**	
		80 mm	84 mm	**Z3-730**	**Z3-750**	
		110 mm	114 mm	**Z3-731**	**Z3-751**	
250 x 259 x h	 ▶ *For 1/2 Model*	40 mm	44 mm	**Z3-732**	**Z3-752**	**Z3-763**
		60 mm	64 mm	**Z3-733**	**Z3-753**	
		80 mm	84 mm	**Z3-734**	**Z3-754**	
		110 mm	114 mm	**Z3-735**	**Z3-755**	
320 x 220 x h	 ▶ *For Large Dental Model*	60 mm	63 mm	**Z3-774**	**Z3-771**	**Z3-770**
		80 mm	83 mm	**Z3-775**	**Z3-772**	
		110 mm	113 mm	**Z3-776**	**Z3-773**	
275 x 175 x h	 ▶ *For Dental Model*	45 mm	53 mm	**Z3-736**	**Z3-756**	**Z3-764**
		105 mm	113 mm	**Z3-737**	**Z3-757**	
265 x 125 x h	 ▶ *For Small Model*	60 mm	63 mm	**Z3-738**	**Z3-758**	**Z3-765**

STAND



code	height
Z3-767	20 mm



STAND



code	height
Z3-768	10 mm

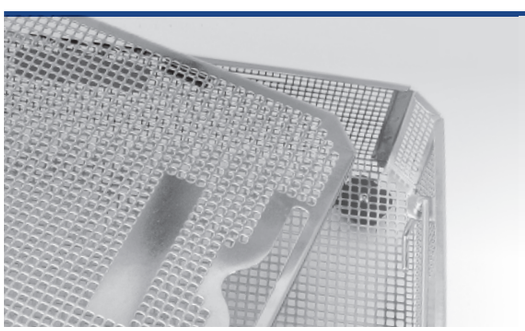


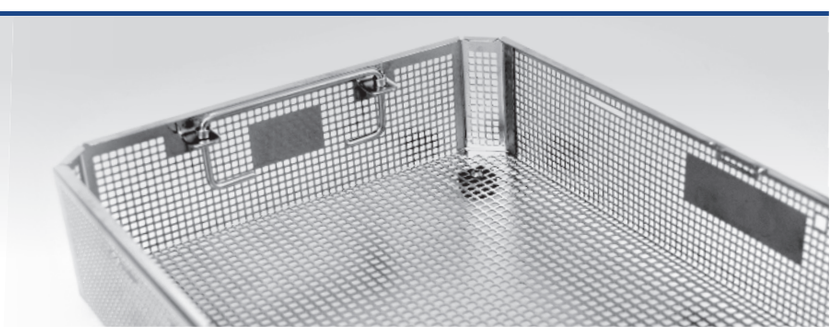
STAND



code	height
Z3-766	5 mm







DENTAL BASKETS & TRAYS



code	outside dimension
Z3-780K	274 x 180 x 34 mm

Basket with silicone fixation systems
Holds 17 instruments with Ø 5 mm



code	outside dimension
Z3-780	274 x 180 x 32 mm

Without silicone fixation systems



code	outside dimension
Z3-781K	274 x 180 x 44 mm

Basket with silicone fixation systems
Holds 17 instruments with Ø 5 mm



code	outside dimension
Z3-781	274 x 180 x 42 mm
Z3-782	274 x 180 x 62 mm

Without silicone fixation systems



code	outside dimension
Z3-783K	274 x 88 x 46 mm

Basket with silicone fixation systems
Holds 8 instruments with Ø 5 mm



code	outside dimension
Z3-784K	240 x 76 x 30 mm

Basket with blue silicone mat



code	outside dimension
Z3-785K	188 x 86 x 36 mm

Basket with silicone fixation systems
Holds 8 instruments with Ø 5 mm



code	outside dimension
Z3-785	188 x 86 x 32 mm

Basket with blue silicone mat



code	outside dimension
Z3-787	138 x 124 x 48 mm

Without silicone fixation systems



code	outside dimension
Z3-788	146 x 46 x 28 mm

Without silicone fixation systems



code	outside dimension
Z3-789	86 x 46 x 28 mm

Without silicone fixation systems
Bottom 2 mm, lid 4 mm perforation



code	outside dimension
Z3-786K	191 x 130 x 36 mm

Basket with silicone fixation systems
Holds 12 instruments with Ø 5 mm



code	outside dimension
Z3-786	191 x 130 x 34 mm

Without silicone fixation systems



code	outside dimension
Z3-790K	186 x 72 x 24 mm

Tray with silicone fixation system.
Holds 5 instruments.



code	outside dimension
Z3-791K	186 x 99 x 24 mm

Tray with silicone fixation system.
Holds 7 instruments.



code	outside dimension
Z3-792K	186 x 137 x 24 mm

Tray with silicone fixation system.
Holds 10 instruments.

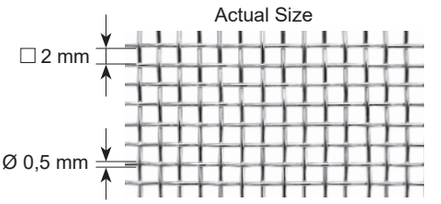


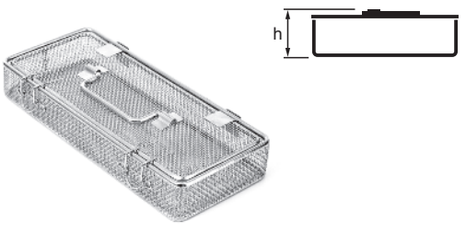
code	outside dimension
Z3-793K	286 x 192 x 34 mm

Tray with silicone fixation system.
Holds 20 instruments.

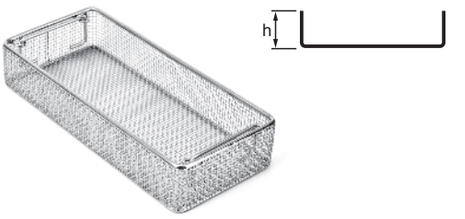
WIRE BASKETS

Mesh grid





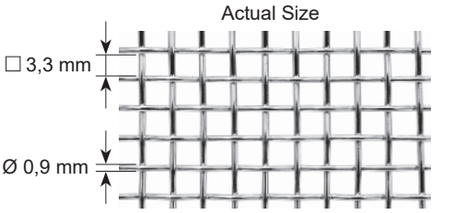
code	outside dimension
Z2-993	268 x 127 x h:47 mm

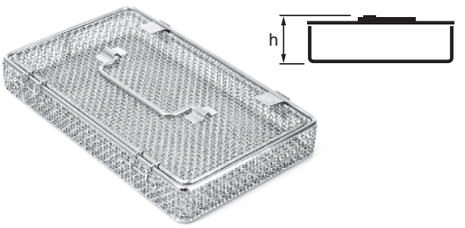


code	outside dimension
Z3-1073	268 x 117 x h:43 mm

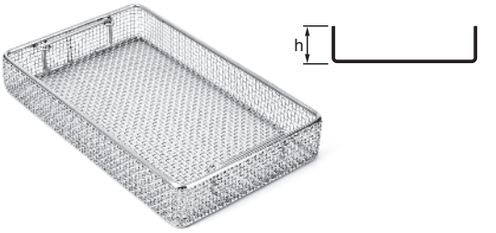
WIRE BASKETS

Mesh grid

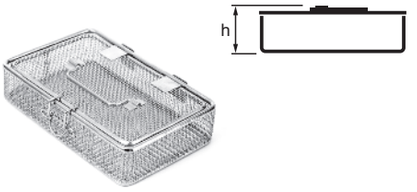




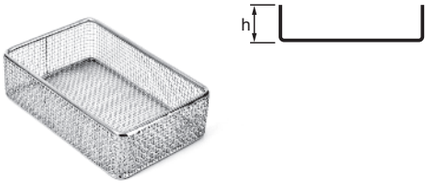
code	outside dimension
Z3-611	270 x 175 x h:45 mm



code	outside dimension
Z3-1070	270 x 170 x h:38 mm



code	outside dimension
Z2-995	175 x 153 x h:45 mm



code	outside dimension
Z3-1079	175 x 144 x h:40 mm

Cleaning & Sterilization Instruction

Description
High quality Surgical Instruments are designed to perform specific functions such as cutting, grasping, clamping, dissecting, probing, retracting, draining, aspirating, suturing, or ligating. Surgical instruments may also be used to facilitate the insertion of surgical implants.

Contraindication
Instruments should not be used for anything other than their intended use.

Warning
Devices shall be used in accordance with these instructions for use. Read all sections of this insert prior to use. Improper use of this device may cause serious injury. In addition, imporper care and maintenance of the device may render the device non-sterile prior to patient use and cause a serious injury to the patient or health care provider.

Caution
- Inside Medical instruments are supplied non-sterile, unless otherwise noted and must be cleaned, lubricated (if required) and sterilized prior to use according to hospital protocol and procedures outlined in this document.
- Inappropriate use of instruments may result in patient injury, damaged or broken instruments.
- Proper cleaning, handling, sterilization and standard routine maintenance (such as sharpening, lubrication if applicable) will ensure that the instruments perform as intended and will extend their useful life.
- Delicate surgical/dental instruments require special handling to prevent damaging the tips. Use caution during cleaning and sterilization.
- Do not expose instruments to phenols or iodophors.
- Do not use dry heat sterilization for aluminum or plastic made, black coated or ebonized instruments.
- Do not apply excessive stress or strain at joints; misuse will result in mis alignment or cracks at the box locks or jaws.
- Rongeurs and bone cutting forceps should only be used to cut bone, never wire or pin. Do not twist or apply excessive stress during use.
- Wear appropriate protective gloves, eyewear and clothing when handling biologically contaminated instruments.
- Instruments manufactured from different metals or with special coating, should be processed separately to avoid electrolytic action between the different metals.
- At the end of the autoclave cycle – before the drying cycle – unlock autoclave door and open it more than a crack (about 3/4”). Then run dry cycle for the period recommended by the autoclave manufacturer. If the autoclave door is opened fully before the drying cycle, cold room air will rush into the chamber, causing condensation on the instruments. This will result in water stains on instruments and also cause wet packs.
- Before use, inspect the instruments for possible damage, wear or non-func tioning parts. Carefully inspect the critical, inaccessible areas, joints and all movable parts.
- Damaged or defective instruments should not be used or processed.

Care And Handling
1. Precleaning:
- Keep instruments moist and do not allow blood and/or bodily fluids to dry on the instruments.
- Remove gross contaminants with steady stream of lukewarm/cool water (below 110°F/43°C). Rinse each instrument thoroughly. Do not use saline or chlorinated solutions.
- Open jaws of hinged instruments for cleaning. Give special attention to joints and serrations. Instruments having more than one part or piece must be disassembled (if possible) to expose all surfaces to the cleaning process. Retain all parts to facilitate reassembly.
- Separate sharp and delicate surgical instruments. Avoid processing instru-ments of different metallic composition together.
- Keep ebonized instruments separate from other stainless steel instruments to avoid scratches to and removal of the ebonized coating.

2. Rinse:
Rinse instruments thoroughly under warm distilled or deminer-alized water.

3. Cleaning:
- If appropriate, disassemble surgical instruments prior to cleaning and sterilization.
- Do not soak instruments in hot water, alcohol, disinfectants or antiseptics to avoid coagulation of mucus, blood or other body fluids. Do not exceed two hours soaking in any solution.
- Do not use steel wool, wire brushes, pipe cleaners or abrasive detergents to remove soil as these will damage the instrument and lead to corrosion.
- Microsurgical, plated and delicate instruments should be cleaned manually and should not be processed in an ultrasonic cleaner. Carefully protect the tips of delicate microsurgical instruments throughout the entire cleaning and sterilization process.
- To preserve the surface coating of ebonized instruments, keep ebonized instruments separate from other instruments and avoid mechanical cleaning and abrasive cleaners as these processes can scratch the surface and remove the surface coating.
- Color anodized aluminum instruments may lose their color through the use of conventional, mechanical treatment processes.

A. Manual Cleaning: To prevent formation of biofilm, cleaning should occur as soon as possible after instrumentation is used.
- Choose a cleaning solution appropriate for surgical/dental instruments and follow manufacturer’s instructions for use.
- The use of neutral pH detergents is recommended to avoid corrosion, pitting and breakage.
- Using a small, clean hand-held brush, remove soil from all surfaces of instru-ment while fully immersed in solution

B. Ultrasonic And Mechanical Cleaning:
- For ultrasonic cleaning, follow manufacturer’s specifications for water level, concentration levels of cleaning agent and temperature.
- Use an ultrasonic cleaner to remove soil from hard to reach surfaces such as grooves, crevices and moving parts after gross soil has been removed.
- Open or disassemble instruments as appropriate.
- When using mechanical washer, make sure all instruments stay properly in place and do not touch or overlap each other.
- Do not allow ebonized instruments to come in contact with each other or other instruments.
- Always follow the manufacturer’s specifications for automatic washer-ster-ilizers and use a free-rinsing, low-sudsing detergent with a neutral pH (6.0 - 8.5). Due to variations in water quality, the type of detergent and its concentration may require adjustment for optimal cleaning.

4. Rinse And Dry: Rinse all instruments thoroughly with distilled, pyro-gen-free water to remove all traces of debris and cleansing agents. Make sure all internal lumens and ratchets are thoroughly rinsed. Instruments must be thoroughly dried and all residual moisture must be removed before they are stored. Use a soft, absorbent towel/cloth to dry external surfaces. Compressed air may be used to aid the drying process.

5. Lubricate: The use of a water soluble instrument lubricant that is com-patible with the method of sterilization to be used is recommended before instruments are sterilized.
- After thoroughly cleaning the instruments, proper application of lubricants to all joints and movable mating surfaces will keep them moving freely and aid in protecting surface from mineral deposits.

- Proper lubrication is required for all instruments, regardless of surface coatings.
- Note that ultrasonic cleaners remove all lubrication; therefore, this main-tenance procedure should be done routinely after ultrasonic cleaning and before sterilization.
- If following the lubricating procedure, do not rinse after this step.

6. Sterilization:

All devices must be processed in the completely open position (i.e. flushports, jaws, etc.) to allow sterilant contact of all surfaces.

All devices with concave surfaces shall be configured so that water pooling does not occur.

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Sterilization Method	Temperature	Exposure Time	Dry Time
High Vacuum Steam (Pre-vacuum)			
Wrapped	273°F (134°C)	3 minutes minimum	N/A

High Vacuum Steam (Pre-vacuum)			
Unwrapped in containers Perforated stacked/ unstacked Solid unstacked	273°F (134°C)	4 minutes minimum	20 minutes
Gravity Steam			
Unwrapped in containers Perforated unstacked	250°F (121°C)	45 minutes	20 minutes
Gravity Steam			
Wrapped in cassettes	250°F (121°C)	30 minutes	20 minutes
Ethylene Oxide (EtO)			
Unwrapped in containers Perforated unstacked Solid unstacked	131°F (55°C)	60 minutes (minimum) Concentration: 725 mg/l Humidity: 70% Aerationtime: 8 hours minimum	

7. Storage

After sterilization, devices must remain in sterilization packaging and be stored in a clean, dry envionment.

Warranty

Inside Medical stainless steel instruments are warranted for a period of two (2) year from the original date of purchase.

All our instruments are guaranteed to be free from defects in material or workmanship. Should a defact be found, the instruments will be replaced free of coast.

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AT110.03	466	CV265.24	377	CV423.25	350	CV492.10	363	DG240.10	133
AT110.04	466	CV267.24	377	CV423.26	350	CV492.15	363	DG242.18	132
AT110.05	466	CV270.16	344	CV424.01	356	CV492.20	363	DG248.15	132
BM956.16	173	CV270.20	344	CV424.02	356	CV492.25	363	DG250.10	133
BM956.25	173	CV270.24	344	CV425.22	351	CV492.30	363	DG250.18	132
BM957.16	173	CV272.16	344	CV425.25	351	CV492.35	363	DG270.00	134
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BM960.16	173	CV272.24	344	CV425.27	351	CV492.45	363	DG272.00	134
BM960.25	173	CV273.16	344	CV425.28	351	CV492.50	363	DG274.00	134
BM961.16	173	CV273.20	344	CV433.23	353	CV492.70	363	DG402.01	132
BM961.25	173	CV273.24	344	CV433.24	353	CV492.90	363	DG416.01	132
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CV1000.01	367	CV274.20	344	CV433.26	353	CV506.10	362	EM1000.02	227
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CV1000.04	351	CV287.20	376	CV434.27	345	CV506.25	362	EM1000.06	226
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CV1000.07	378	CV291.10	343	CV435.23	345	CV507.10	362	EM1000.10	227
CV1000.08	378	CV293.06	343	CV435.27	345	CV507.15	362	EM1000.26	223
CV1000.09	378	CV295.07	343	CV435.31	345	CV507.20	362	EM1000.27	223
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CV1000.20	367	CV342.18	355	CV438.14	354	CV539.01	364	EM222.01	226
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ER680.04	214	ES100.10	435	ES141.00	445	ET782.18	224	GD196.06	172
ER680.05	214	ES100.11	435	ES142.00	445	ET782.20	224	GD203.15	172
ER680.06	214	ES100.12	435	ES143.00	445	ET782.22	224	GD207.18	172
ER680.07	214	ES100.13	435	ES144.00	445	ET782.24	224	GD209.18	172
ER680.08	214	ES100.14	435	ES145.00	445	ET782.26	224	GD215.03	172
ER680.09	214	ES100.15	435	ES146.00	445	ET782.28	224	GD215.04	172
ER680.10	214	ES100.16	435	ES147.00	445	ET782.30	224	GD240.02	172
ER680.21	213	ES100.17	435	ES147.01	445	ET785.08	224	GD240.03	172
ER682.01	214	ES100.18	435	ES147.02	445	ET785.10	224	GD240.04	172
ER682.03	214	ES100.19	435	ES148.00	445	ET785.12	224	GD240.05	172
ER682.05	214	ES100.20	435	ES148.01	445	ET785.14	224	GD240.06	172
ER682.07	214	ES100.21	435	ES148.02	445	ET785.16	224	GD240.07	172
ER682.09	214	ES100.22	435	ES149.00	445	ET785.18	224	GD240.08	172
ER682.52	214	ES100.23	435	ES152.00	445	ET785.20	224	GD261.14	173
ER684.15	215	ES100.26	435	ES153.00	445	ET785.22	224	GD263.14	173
ER686.16	215	ES101.01	436	ES200.01	446	ET785.24	224	GD271.10	173
ER686.17	215	ES102.00	436	ES200.02	446	ET785.26	224	GD275.14	173
ER688.01	215	ES102.01	436	ES200.03	446	ET785.28	224	GD279.10	172
ER688.02	215	ES103.01	436	ES200.04	446	ET785.30	224	GD294.14	173
ER688.03	215	ES104.00	437	ES200.05	446	ET786.08	224	GD296.11	173
ER692.22	215	ES104.01	437	ES200.06	446	ET786.10	224	GD305.10	174
ER694.17	215	ES104.03	437	ES200.07	446	ET786.12	224	GD328.14	174
ER697.19	215	ES105.01	437	ES200.08	446	ET786.14	224	GD328.16	174
ER698.10	215	ES105.03	437	ES200.10	447	ET786.16	224	GD331.14	174
ER699.11	215	ES106.00	438	ES200.11	447	ET786.18	224	GD341.11	174
ER700.12	215	ES106.01	438	ES200.12	447	ET786.20	224	GD341.13	174
ER702.15	215	ES106.02	438	ES200.13	447	ET786.22	224	GD347.13	174
ER704.02	215	ES106.03	438	ES200.14	447	ET786.24	224	GD353.12	174
ER704.05	215	ES106.04	438	ES201.00	447	ET786.26	224	GD360.11	174
ER704.07	215	ES106.05	438	ES202.00	447	ET786.28	224	GD360.13	174
ER704.10	215	ES106.06	438	ET220.22	220	ET786.30	224	GD360.15	174
ER706.16	215	ES106.07	438	ET228.23	220	ET789.12	224	GD365.11	174
ER707.20	215	ES106.08	438	ET269.25	220	ET789.14	224	GD365.13	174
ER708.14	215	ES106.09	438	ET281.22	220	ET789.16	224	GD373.10	174
ER709.01	215	ES106.10	438	ET289.23	220	ET789.18	224	GD378.10	174
ER709.02	215	ES106.11	438	ET291.23	220	ET794.11	224	GD378.12	174
ER710.14	216	ES107.01	438	ET311.19	220	ET798.12	224	GD379.10	174
ER712.16	216	ES107.04	438	ET311.20	220	ET814.01	225	GD379.12	174
ER713.15	216	ES107.07	438	ET313.17	220	ET814.02	225	GD386.10	174
ER714.15	216	ES108.01	438	ET329.24	225	ET814.03	225	GD388.11	174
ER715.14	216	ES109.01	438	ET331.23	225	ET814.04	225	GH1000.03	73
ER721.20	217	ES110.00	439	ET419.18	221	ET821.21	225	GH1000.04	66
ER724.01	217	ES111.00	439	ET423.20	221	ET821.22	225	GH1000.05	66
ER724.02	217	ES112.00	439	ET443.19	221	ET831.24	225	GH1000.06	66
ER724.03	217	ES113.00	440	ET445.19	221	ET805.19	225	GH110.06	52
ER725.23	217	ES113.01	440	ET447.19	221	EY.113.14	230	GH111.06	52
ER728.11	216	ES113.02	440	ET449.19	221	EY.115.14	230	GH114.03	52
ER731.14	216	ES113.10	440	ET500.28	221	EY.125.16	230	GH114.05	52
ER732.10	216	ES113.11	440	ET502.28	221	EY.127.16	230	GH115.03	52
ER740.90	216	ES113.12	440	ET506.28	221	EY.143.13	230	GH115.05	52
ER742.21	216	ES114.00	441	ET511.40	221	EY.145.11	230	GH115.38	52
ER748.01	216	ES114.02	441	ET511.50	221	EY.151.17	230	GH115.45	52
ER748.02	216	ES114.04	441	ET513.01	222	EY.155.17	230	GH115.55	52
ER748.03	216	ES115.00	441	ET525.01	222	EY.411.15	230	GH115.65	52
ER748.04	216	ES115.02	441	ET541.13	222	EY.413.15	230	GH115.70	52
ER748.05	216	ES115.04	441	ET541.15	222	EY.449.15	230	GH115.75	52
ER748.06	216	ES116.00	441	ET581.01	222	EY.449.20	230	GH115.90	52
ER755.01	218	ES116.02	441	ET584.20	222	FL110.18	31	GH116.38	52
ER755.02	218	ES116.04	441	ET584.30	222	FL110.23	31	GH116.45	52
ER755.03	218	ES117.00	441	ET584.40	222	FL111.18	31	GH116.55	52
ER755.04	218	ES117.02	441	ET587.20	222	FL111.23	31	GH116.65	52
ER755.05	218	ES117.04	441	ET600.01	223	FL120.18	31	GH116.70	52
ER755.06	218	ES118.00	442	ET604.01	223	FL120.23	31	GH116.75	52
ER756.01	218	ES118.01	442	ET608.01	223	FL121.18	31	GH116.90	52
ER756.02	218	ES118.02	442	ET611.01	223	FL121.23	31	GH120.08	53
ER756.03	218	ES118.03	442	ET613.01	223	FL130.18	31	GH120.10	53
ER756.04	218	ES118.04	442	ET616.02	223	FL130.23	31	GH120.12	53
ER756.05	218	ES118.05	442	ET616.03	223	FL131.18	31	GH121.08	53
ER756.06	218	ES118.06	442	ET618.02	223	FL131.23	31	GH121.10	53
ER814.30	216	ES118.07	442	ET618.03	223	FL140.18	31	GH121.12	53
ER816.30	216	ES118.08	442	ET624.01	223	FL140.23	31	GH122.10	53
ER817.01	202	ES118.11	442	ET628.01	223	FL141.18	31	GH122.14	53
ER817.02	202	ES119.01	442	ET628.02	223	FL141.23	31	GH122.20	53
ER817.03	202	ES119.03	442	ET632.01	223	FL171.18	31	GH123.10	53
ER840.20	216	ES119.05	442	ET637.01	223	FL211.15	31	GH123.14	53
ER842.30	216	ES120.00	442	ET637.02	223	FL211.18	31	GH123.20	53
ER842.40	216	ES120.01	442	ET637.03	223	FL211.23	31	GH131.24	53
ER845.01	202	ES120.02	442	ET637.04	223	FL221.15	31	GH132.30	53
ER845.02	202	ES121.00	442	ET639.01	223	FL221.18	31	GH132.35	53
ER845.03	202	ES121.01	442	ET643.01	223	FL221.23	31	GH132.40	53
ER852.13	202	ES121.02	442	ET643.02	223	FL241.17	30	GH132.50	53

GH133.30	53	GH357.14	59	GH449.00	64	GH909.13	72	GI496.07	335
GH133.35	53	GH363.18	59	GH449.01	64	GH913.11	72	GI496.10	335
GH133.40	53	GH363.19	59	GH449.06	64	GH915.09	72	GI497.26	335
GH133.50	53	GH364.18	59	GH450.01	64	GH915.11	72	GI498.08	335
GH135.30	53	GH365.18	59	GH450.02	64	GH915.13	72	GI498.23	335
GH135.35	53	GH369.20	59	GH451.13	65	GH915.15	72	GI519.16	335
GH135.40	53	GH370.16	59	GH451.16	65	GH916.15	73	GI520.07	335
GH135.50	53	GH370.20	59	GH451.18	65	GH917.13	72	GI520.10	335
GH142.30	53	GH371.16	59	GH451.20	65	GH919.10	73	GI522.00	335
GH142.35	53	GH371.20	59	GH451.23	65	GH919.13	73	GI524.15	335
GH142.40	53	GH374.13	62	GH451.25	65	GH921.16	72	GI534.30	334
GH142.50	53	GH374.14	62	GH451.28	65	GH923.10	73	GI535.30	334
GH143.30	53	GH374.16	62	GH453.18	65	GH923.13	73	GI540.18	330
GH143.35	53	GH375.13	62	GH453.22	65	GH923.14	73	GI540.20	330
GH143.40	53	GH375.14	62	GH453.25	65	GH924.11	73	GI540.23	330
GH143.50	53	GH375.16	62	GH453.28	65	GH924.14	73	GI550.13	331
GH145.30	53	GH380.14	62	GH461.01	65	GH935.20	73	GI550.16	331
GH145.35	53	GH380.16	62	GH461.02	65	GH940.14	74	GI550.18	331
GH145.40	53	GH380.18	62	GH461.03	65	GH942.16	74	GI550.21	331
GH145.50	53	GH381.14	62	GH461.04	65	GH944.15	74	GI550.23	331
GH176.14	54	GH381.16	62	GH461.05	65	GH944.18	74	GI551.13	331
GH176.16	54	GH381.18	62	GH469.01	66	GH944.20	74	GI551.16	331
GH248.13	54	GH382.14	62	GH469.02	66	GH946.15	74	GI551.18	331
GH248.14	54	GH382.16	62	GH471.14	66	GH946.18	74	GI551.21	331
GH248.15	54	GH382.18	62	GH473.15	66	GH946.20	74	GI551.23	331
GH248.18	54	GH383.14	62	GH473.17	66	GH1000.07	50	GI554.25	333
GH248.20	54	GH383.16	62	GH479.14	66	GH1000.08	50	GI555.25	333
GH249.13	54	GH383.18	62	GH479.17	66	GH1000.09	50	GI560.22	332
GH249.14	54	GH384.13	62	GH479.19	66	GH1000.10	50	GI560.25	332
GH249.15	54	GH384.14	62	GH479.20	66	GH1000.11	50	GI560.28	332
GH249.18	54	GH384.16	62	GH479.23	66	GH1000.12	50	GI561.22	332
GH249.20	54	GH385.13	62	GH479.26	66	GH1000.13	50	GI561.25	332
GH256.13	54	GH385.14	62	GH483.22	67	GH1000.14	50	GI561.28	332
GH258.13	54	GH385.16	62	GH485.23	67	GH1000.15	50	GI570.33	336
GH266.25	54	GH390.20	65	GH487.21	67	GH1000.16	50	GI571.33	336
GH266.25	355	GH390.26	65	GH487.24	67	GH1000.17	50	GI580.24	336
GH266.26	54	GH391.20	65	GH491.22	67	GH1000.18	50	GI581.26	336
GH266.26	355	GH391.26	65	GH491.25	67	GH1000.19	50	GI581.28	336
GH268.14	54	GH392.20	65	GH491.28	67	GH1000.20	51	GI583.23	337
GH278.16	55	GH392.26	65	GH497.22	67	GH1000.21	51	GI585.24	337
GH278.17	55	GH393.20	65	GH501.18	68	GH1000.22	51	GI587.30	337
GH280.15	55	GH393.26	65	GH511.19	68	GH1000.23	51	GI610.21	338
GH280.20	55	GH410.14	60	GH511.23	68	GH1000.24	51	GI613.15	338
GH282.15	55	GH410.16	60	GH521.24	68	GH439.24M	64	GI615.15	338
GH290.14	55	GH410.18	60	GH527.01	68	GI1000.00	329	GI624.20	338
GH302.12	55	GH410.20	60	GH527.02	68	GI1000.01	329	GI641.15	338
GH303.01	67	GH410.22	60	GH529.23	68	GI130.12	328	GI647.00	339
GH303.02	67	GH410.24	60	GH529.24	68	GI132.15	328	GI647.50	339
GH304.14	67	GH410.26	60	GH531.20	68	GI134.15	328	GI647.51	339
GH305.18	67	GH410.30	60	GH531.22	68	GI134.19	328	GI647.92	339
GH306.10	55	GH411.14	60	GH531.24	68	GI134.25	328	GI647.93	339
GH307.10	55	GH411.16	60	GH533.23	69	GI136.16	328	GI647.94	339
GH309.12	55	GH411.18	60	GH571.21	69	GI136.20	328	GI647.95	339
GH310.12	56	GH411.20	60	GH577.19	69	GI136.25	328	GI649.01	338
GH310.14	56	GH411.22	60	GH577.22	69	GI136.30	328	GI649.02	338
GH311.12	56	GH411.24	60	GH577.24	69	GI138.15	328	GI723.26	340
GH311.14	56	GH411.26	60	GH579.19	69	GI142.15	328	GI723.27	340
GH312.12	56	GH411.30	60	GH579.22	69	GI148.15	328	GI724.19	340
GH312.14	56	GH414.14	61	GH579.24	69	GI148.19	328	GI741.38	340
GH313.12	56	GH414.16	61	GH581.19	69	GI150.20	328	GI750.20	340
GH313.14	56	GH414.18	61	GH581.22	69	GI154.20	328	GK002.01	2
GH316.18	56	GH414.20	61	GH581.24	69	GI170.20	329	GK002.02	2
GH316.21	56	GH414.22	61	GH583.28	69	GI186.16	329	GK002.03	2
GH317.18	56	GH414.24	61	GH585.28	69	GI190.16	329	GK002.04	2
GH317.21	56	GH414.26	61	GH595.19	69	GI190.20	329	GK002.05	2
GH318.18	56	GH414.30	61	GH597.19	69	GI192.16	329	GK002.06	2
GH318.21	56	GH415.14	61	GH600.21	69	GI192.18	329	GK002.07	2
GH319.18	56	GH415.16	61	GH601.21	69	GI192.20	329	GK002.08	2
GH319.21	56	GH415.18	61	GH613.19	70	GI192.24	329	GK002.09	2
GH320.10	57	GH415.20	61	GH613.21	70	GI196.16	329	GK002.10	2
GH320.12	57	GH415.22	61	GH613.23	70	GI196.20	329	GK038.16	4
GH321.10	57	GH415.24	61	GH615.19	70	GI206.20	330	GK038.20	4
GH321.12	57	GH415.26	61	GH615.21	70	GI210.18	330	GK038.24	4
GH322.10	57	GH415.30	61	GH615.23	70	GI210.20	330	GK090.09	5
GH322.12	57	GH417.01	63	GH625.21	70	GI212.20	330	GK091.09	5
GH323.10	57	GH417.02	63	GH635.10	70	GI212.23	330	GK092.11	5
GH323.12	57	GH417.03	63	GH635.20	70	GI274.21	331	GK094.13	5
GH324.14	55	GH417.04	63	GH635.30	70	GI274.23	331	GK100.04	3
GH325.14	55	GH417.05	63	GH635.40	70	GI275.21	331	GK103.04	3
GH326.15	57	GH419.18	66	GH637.10	70	GI275.23	331	GK104.41	3
GH327.15	57	GH421.14	66	GH637.20	70	GI276.18	331	GK104.45	3
GH328.15	57	GH421.18	66	GH637.30	70	GI277.18	331	GK108.08	3
GH329.15	57	GH422.20	63	GH637.40	70	GI286.21	333	GK109.09	3
GH330.14	58	GH423.20	63	GH671.23	70	GI286.23	333	GK130.03	3
GH331.14	58	GH425.20	63	GH673.24	70	GI287.21	333	GK130.04	3
GH332.12	57	GH427.21	63	GH697.25	71	GI287.23	333	GK130.05	3
GH333.19	58	GH428.22	63	GH717.22	71	GI288.25	333	GK133.31	3
GH334.16	58	GH429.22	63	GH717.23	71	GI289.25	333	GK133.35	3
GH335.16	58	GH432.24	63	GH721.14	71	GI304.22	332	GK135.01	3
GH339.14	64	GH433.24	63	GH725.18	71	GI304.25	332	GK137.07	3
GH340.14	58	GH439.18	64	GH727.20	71	GI304.28	332	GK137.71	3
GH341.14	58	GH439.24	64	GH745.20	71	GI305.22	332	GK140.03	3
GH342.14	58	GH440.01	64	GH749.21	71	GI305.25	332	GK146.03	3
GH343.14	58	GH440.02	64	GH751.20	71	GI305.28	332	GK147.03	3
GH346.16	58	GH440.03	64	GH753.20	71	GI398.16	331	GK500.16	4
GH347.16	58	GH448.00	65	GH875.09	72	GI415.15	335	GK500.19	4
GH348.15	58	GH448.01	65	GH881.05	72	GI419.21	335	GK560.06	4
GH350.15	58	GH448.02	65	GH881.09	72	GI425.29	335	GK570.05	4
GH351.12	59	GH448.03	65	GH883.09	72	GI433.35	335	GK572.05	4
GH355.14	59	GH448.06	65	GH909.11	72	GI496.05	335	GK800.00	5

GK811.00	5	GN662.20	160	GN916.12	170	GP251.10	150	GR1000.43	110
GK878.00	6	GN662.24	160	GN922.12	170	GP251.12	150	GR1000.44	110
GK878.01	6	GN665.22	161	GN924.12	170	GP251.14	150	GR1000.45	128
GK880.00	6	GN666.00	161	GN928.12	170	GP251.30	150	GR1000.46	128
GK880.01	6	GN666.02	161	GN929.12	170	GP420.12	148	GR1000.73	125
GK880.02	6	GN666.03	161	GN935.14	170	GP420.14	148	GR1000.74	125
GK882.19	6	GN666.04	161	GN1000.01	162	GP420.16	148	GR101.01	83
GN310.13	156	GN666.05	161	GN1000.02	162	GP425.14	148	GR101.02	83
GN310.14	156	GN668.00	161	GN1000.03	162	GP425.15	148	GR101.03	83
GN320.12	156	GN668.01	161	GN1000.04	157	GP425.16	148	GR101.04	83
GN326.12	156	GN668.02	161	GN1000.05	159	GP425.18	148	GR151.01	85
GN332.12	156	GN668.03	161	GO103.34	315	GR006.10	82	GR151.02	85
GN334.13	156	GN670.00	161	GO141.36	315	GR066.01	82	GR151.03	85
GN336.13	156	GN670.01	161	GO141.40	315	GR066.02	82	GR151.04	85
GN338.13	157	GN670.02	161	GO145.30	315	GR068.01	82	GR151.05	85
GN338.20	157	GN670.03	161	GO146.28	315	GR068.02	82	GR151.06	85
GN344.13	157	GN672.14	161	GO149.36	315	GR068.03	82	GR161.01	85
GN344.18	157	GN672.17	161	GO195.41	315	GR068.04	82	GR161.02	85
GN348.15	157	GN672.18	161	GO197.40	315	GR068.05	82	GR164.14	85
GN350.15	157	GN673.12	159	GO198.44	315	GR070.16	82	GR166.16	85
GN360.18	157	GN673.15	159	GO228.27	316	GR072.01	82	GR167.16	85
GN364.18	157	GN673.16	159	GO229.27	316	GR072.02	82	GR170.20	85
GN384.17	157	GN674.14	163	GO300.21	316	GR074.01	83	GR171.08	84
GN390.14	158	GN674.17	163	GO309.28	315	GR074.02	83	GR171.10	84
GN390.16	158	GN674.20	163	GO344.01	316	GR074.03	83	GR171.12	84
GN390.18	158	GN676.14	162	GO344.02	316	GR074.04	83	GR171.14	84
GN390.20	158	GN676.17	162	GO344.03	316	GR075.01	83	GR171.16	84
GN390.24	158	GN676.20	162	GO344.04	316	GR075.02	83	GR171.18	84
GN390.26	158	GN678.14	162	GO382.01	316	GR075.03	83	GR172.08	84
GN390.30	158	GN678.17	162	GO382.02	316	GR075.04	83	GR172.10	84
GN396.16	158	GN678.20	162	GO382.03	316	GR078.01	83	GR172.12	84
GN396.18	158	GN684.18	163	GO386.30	316	GR078.02	83	GR172.14	84
GN396.20	158	GN686.20	163	GO465.09	315	GR078.03	83	GR172.16	84
GN403.21	158	GN692.18	163	GP101.11	147	GR078.04	83	GR172.18	84
GN404.23	158	GN692.20	163	GP101.13	147	GR079.01	83	GR174.04	84
GN408.27	158	GN692.23	163	GP101.14	147	GR079.02	83	GR174.06	84
GN415.27	159	GN696.20	163	GP101.16	147	GR079.03	83	GR174.08	84
GN420.27	159	GN696.23	163	GP101.18	147	GR079.04	83	GR174.11	84
GN437.27	158	GN701.15	167	GP101.20	147	GR086.04	83	GR174.15	84
GN451.23	161	GN702.15	167	GP102.11	147	GR087.04	83	GR174.17	84
GN466.14	161	GN703.15	167	GP102.13	147	GR088.12	82	GR174.20	84
GN469.16	159	GN704.15	167	GP102.14	147	GR091.08	84	GR174.23	84
GN500.15	163	GN721.19	167	GP102.16	147	GR091.10	84	GR176.01	85
GN516.14	162	GN722.19	167	GP102.18	147	GR091.12	84	GR176.02	85
GN516.17	162	GN723.19	167	GP102.20	147	GR091.14	84	GR191.01	85
GN516.20	162	GN724.19	167	GP102.25	147	GR091.16	84	GR191.02	85
GN526.14	162	GN741.23	167	GP102.30	147	GR091.18	84	GR192.02	85
GN526.17	162	GN742.23	167	GP103.13	147	GR093.12	84	GR195.01	85
GN574.18	163	GN743.23	167	GP103.14	147	GR093.14	84	GR195.02	85
GN576.20	163	GN744.23	167	GP103.16	147	GR093.16	84	GR195.03	85
GN604.13	160	GN775.25	167	GP103.18	147	GR093.18	84	GR200.04	88
GN604.15	160	GN776.01	167	GP103.20	147	GR095.10	82	GR201.04	88
GN630.13	156	GN776.02	167	GP103.25	147	GR095.17	82	GR210.01	86
GN631.13	160	GN776.03	167	GP108.13	147	GR095.20	82	GR210.02	86
GN632.12	156	GN813.32	167	GP108.14	147	GR095.22	82	GR210.03	86
GN633.13	156	GN815.21	167	GP108.16	147	GR099.16	82	GR210.04	86
GN634.13	156	GN825.20	167	GP130.10	147	GR100.01	83	GR210.06	86
GN634.14	156	GN832.19	167	GP150.13	147	GR100.02	83	GR211.01	86
GN636.13	156	GN835.13	167	GP150.14	147	GR100.03	83	GR211.02	86
GN637.13	156	GN837.13	167	GP150.16	147	GR100.04	83	GR211.03	86
GN638.15	157	GN839.24	168	GP150.18	147	GR1000.00	110	GR211.04	86
GN638.18	157	GN840.24	168	GP150.20	147	GR1000.01	110	GR211.06	86
GN640.18	160	GN841.20	168	GP160.13	147	GR1000.02	110	GR220.01	87
GN640.20	160	GN842.20	168	GP160.14	147	GR1000.03	110	GR220.02	87
GN640.26	160	GN843.20	168	GP160.16	147	GR1000.04	110	GR220.03	87
GN642.16	158	GN844.20	168	GP170.13	147	GR1000.05	110	GR220.04	87
GN642.18	158	GN845.21	168	GP170.14	147	GR1000.06	110	GR220.06	87
GN642.20	158	GN846.21	168	GP170.16	147	GR1000.07	110	GR221.01	87
GN642.24	158	GN847.21	168	GP175.14	147	GR1000.08	110	GR221.02	87
GN642.26	158	GN848.21	168	GP185.16	147	GR1000.09	110	GR221.03	87
GN642.30	158	GN849.27	168	GP186.16	148	GR1000.10	110	GR221.04	87
GN643.20	158	GN850.27	168	GP187.16	148	GR1000.11	110	GR221.06	87
GN646.18	161	GN851.27	168	GP189.16	148	GR1000.12	110	GR222.01	87
GN646.20	161	GN852.27	168	GP191.16	148	GR1000.13	125	GR222.02	87
GN646.23	161	GN853.20	168	GP248.00	149	GR1000.14	125	GR222.03	87
GN646.26	161	GN854.20	168	GP248.01	149	GR1000.15	125	GR222.04	87
GN646.31	161	GN855.20	168	GP248.02	149	GR1000.16	125	GR222.06	87
GN648.27	158	GN856.20	168	GP248.03	149	GR1000.17	125	GR230.01	86
GN650.13	160	GN857.20	168	GP248.04	149	GR1000.18	83	GR231.01	86
GN650.15	160	GN858.20	168	GP249.01	148	GR1000.19	83	GR232.01	86
GN650.18	160	GN859.20	168	GP249.02	148	GR1000.21	106	GR240.01	87
GN650.20	160	GN860.20	168	GP249.03	148	GR1000.23	102	GR240.02	87
GN650.23	160	GN861.30	169	GP249.04	148	GR1000.24	102	GR240.03	87
GN650.26	160	GN862.30	169	GP249.05	148	GR1000.25	102	GR240.04	87
GN653.27	159	GN863.30	169	GP249.06	148	GR1000.26	126	GR240.06	87
GN654.13	160	GN864.30	169	GP250.00	149	GR1000.27	126	GR240.08	87
GN654.15	160	GN865.25	169	GP250.02	149	GR1000.28	126	GR241.01	87
GN654.18	160	GN866.28	169	GP250.03	149	GR1000.29	126	GR241.02	87
GN654.20	160	GN867.25	169	GP250.06	149	GR1000.30	126	GR241.03	87
GN654.23	160	GN871.19	167	GP250.09	149	GR1000.31	126	GR241.04	87
GN654.26	160	GN872.19	167	GP250.12	149	GR1000.32	126	GR241.06	87
GN656.27	159	GN875.03	167	GP250.15	149	GR1000.33	126	GR241.08	87
GN658.14	160	GN875.05	167	GP250.80	149	GR1000.34	126	GR242.01	87
GN658.18	160	GN875.07	167	GP250.90	149	GR1000.35	126	GR242.02	87
GN658.20	160	GN877.22	169	GP251.02	150	GR1000.36	126	GR242.03	87
GN658.23	160	GN878.22	169	GP251.03	150	GR1000.37	126	GR242.04	87
GN659.20	160	GN882.23	170	GP251.04	150	GR1000.38	126	GR242.06	87
GN659.24	160	GN884.21	170	GP251.06	150	GR1000.39	126	GR242.08	87
GN659.26	160	GN886.23	170	GP251.07	150	GR1000.40	126	GR245.02	88
GN659.30	160	GN910.18	170	GP251.08	150	GR1000.41	126	GR245.03	88

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GR245.04	88	GR505.28	94	GR723.20	108	GR801.00	109	GR1000.60	105
GR245.06	88	GR507.28	94	GR725.14	113	GR802.13	109	GR1000.61	105
GR246.02	88	GR537.01	94	GR727.14	113	GR802.18	109	GR1000.62	105
GR246.03	88	GR537.02	94	GR732.20	113	GR804.18	109	GR1000.63	105
GR246.04	88	GR537.03	94	GR733.21	116	GR815.00	120	GR1000.64	105
GR246.06	88	GR545.01	96	GR733.22	116	GR820.00	120	GR1000.65	105
GR251.03	88	GR545.02	96	GR734.20	111	GR822.22	120	GR1000.66	105
GR253.04	88	GR551.25	94	GR734.21	111	GR823.00	120	GR1000.67	105
GR261.02	89	GR558.08	95	GR734.24	111	GR823.90	120	GR1000.68	105
GR266.08	89	GR558.10	95	GR734.25	111	GR824.00	120	GR1000.69	105
GR267.08	89	GR558.12	95	GR734.26	111	GR826.90	120	GR1000.70	106
GR281.04	88	GR558.13	95	GR735.20	111	GR828.00	120	GR1000.71	106
GR283.05	88	GR558.14	95	GR735.24	111	GR828.01	120	GR1000.72	106
GR287.06	88	GR558.16	95	GR735.26	111	GR830.00	120	GR1000.75	83
GR289.07	88	GR558.18	95	GR736.26	114	GR830.02	120	GR1100.00	125
GR291.01	89	GR559.08	95	GR736.27	114	GR830.04	120	GR1100.01	125
GR291.02	89	GR559.10	95	GR737.26	114	GR839.18	120	GR1100.02	125
GR291.03	89	GR559.12	95	GR738.25	116	GR839.27	120	GR1100.03	125
GR291.04	89	GR559.14	95	GR738.26	114	GR839.38	120	GR1100.04	125
GR291.05	89	GR559.16	95	GR738.27	116	GR839.45	120	GR1100.05	125
GR293.01	89	GR559.18	95	GR739.25	116	GR839.50	120	GR1100.06	125
GR293.02	89	GR561.01	95	GR739.26	114	GR839.52	120	GR1100.07	125
GR293.03	89	GR561.02	95	GR740.13	112	GR839.60	120	GR1100.08	125
GR293.04	89	GR561.03	95	GR741.13	112	GR839.70	120	GR1100.09	125
GR293.05	89	GR577.27	97	GR747.11	111	GR839.90	120	GR1100.10	125
GR295.21	89	GR579.27	97	GR748.11	111	GR839.92	120	GR1100.11	125
GR297.21	89	GR581.01	97	GR749.11	111	GR839.94	120	GR1100.12	125
GR299.01	89	GR581.02	97	GR750.13	111	GR840.00	123	GR1100.13	125
GR301.16	89	GR591.01	98	GR750.14	111	GR844.00	123	GR1100.14	125
GR301.25	89	GR591.02	98	GR750.16	111	GR844.91	123	GR1100.15	125
GR307.19	90	GR591.03	98	GR750.17	111	GR846.00	123	GR1100.16	125
GR313.19	90	GR591.04	98	GR751.13	111	GR850.00	121	GR1100.17	125
GR315.18	90	GR591.05	98	GR751.16	111	GR850.92	121	GR1100.18	125
GR315.20	90	GR591.06	98	GR752.13	111	GR852.00	121	GR1100.19	125
GR315.25	90	GR591.07	99	GR753.13	111	GR854.00	122	GR1100.20	125
GR315.30	90	GR591.08	99	GR754.15	112	GR856.00	121	GR1100.21	125
GR315.40	90	GR591.09	99	GR755.13	114	GR856.90	121	GR1100.22	125
GR317.01	90	GR592.04	99	GR756.13	114	GR856.91	121	GR1100.23	125
GR317.02	90	GR592.07	99	GR757.11	114	GR858.00	122	GR1100.24	125
GR317.03	90	GR592.08	99	GR759.11	114	GR859.01	121	GR1100.25	125
GR317.04	90	GR592.10	99	GR761.05	112	GR859.02	122	GR1100.26	125
GR317.05	90	GR593.01	96	GR761.06	112	GR859.06	122	GR1100.27	125
GR317.06	90	GR593.02	96	GR761.07	112	GR860.00	122	GR1100.28	125
GR317.07	90	GR593.03	96	GR762.05	112	GR860.06	122	GR1100.29	125
GR317.08	90	GR603.01	101	GR762.06	112	GR860.08	122	GR1100.30	125
GR317.09	90	GR603.02	101	GR762.07	112	GR868.00	123	GR1100.31	125
GR319.01	90	GR603.03	101	GR765.13	114	GR868.90	123	GR1100.32	125
GR319.02	90	GR607.26	101	GR767.00	116	GR868.91	123	GR1100.33	126
GR319.03	90	GR611.01	101	GR767.01	116	GR882.00	124	GR1100.34	126
GR319.04	90	GR611.02	101	GR767.13	112	GR882.30	124	GR1100.35	126
GR319.05	90	GR615.01	100	GR768.00	112	GR884.00	124	GR1100.36	126
GR319.06	90	GR615.02	100	GR768.19	112	GR884.30	124	GR1100.37	126
GR319.07	90	GR615.03	100	GR768.25	112	GR889.40	124	GR1100.38	126
GR319.08	90	GR621.28	102	GR768.32	112	GR889.50	124	GR1100.39	126
GR321.00	90	GR623.20	102	GR769.00	112	GR889.60	124	GR1100.40	126
GR321.01	90	GR623.30	102	GR770.13	113	GR889.78	124	GR1100.41	126
GR321.02	90	GR623.40	102	GR770.16	113	GR889.80	124	GR1100.42	126
GR321.03	90	GR652.01	103	GR770.20	113	GR889.98	124	GR1100.43	127
GR321.04	90	GR655.00	103	GR770.26	113	GR889.99	124	GR1100.44	127
GR321.05	90	GR655.01	103	GR771.13	113	GR906.01	119	GR1100.45	127
GR325.01	90	GR655.02	103	GR771.16	113	GR906.02	119	GR1100.46	127
GR325.02	90	GR655.03	103	GR771.20	113	GR906.06	119	GR1100.47	127
GR351.01	90	GR663.00	103	GR771.26	113	GR906.07	119	GR1100.48	127
GR351.02	90	GR663.01	103	GR772.13	113	GR906.11	119	GR1100.49	127
GR351.03	90	GR663.02	103	GR772.16	113	GR906.12	119	GR1100.50	127
GR361.01	91	GR665.00	104	GR772.20	113	GR906.13	119	GR1100.51	127
GR361.02	91	GR665.01	104	GR772.26	113	GR906.41	119	GR1100.52	127
GR361.03	91	GR665.02	104	GR773.13	113	GR906.42	119	GR1100.53	127
GR381.00	91	GR667.06	103	GR774.00	118	GR906.43	119	GR1100.54	127
GR381.01	91	GR669.13	103	GR774.25	118	GR906.44	119	GR1100.55	127
GR381.02	91	GR673.00	103	GR774.40	118	GR906.46	119	GR1100.56	127
GR391.01	91	GR673.01	103	GR774.45	118	GR906.47	119	GR1100.57	127
GR391.02	91	GR673.02	103	GR774.50	118	GR906.80	119	GR1100.58	127
GR391.03	91	GR674.00	103	GR774.55	118	GR906.81	119	GR1100.59	127
GR395.24	91	GR674.01	103	GR774.60	118	GR906.90	119	GR1100.60	127
GR397.26	91	GR674.02	103	GR775.00	118	GR906.91	119	GR1100.61	127
GR401.01	92	GR675.00	104	GR775.15	118	GR963.01	105	GR1100.62	127
GR401.02	92	GR675.01	104	GR775.40	118	GR963.02	105	GR1100.63	127
GR401.03	92	GR675.02	104	GR775.45	118	GR963.03	105	GR1100.64	127
GR405.01	92	GR683.00	104	GR775.50	118	GR971.00	105	GR1100.65	127
GR405.02	92	GR683.01	104	GR775.55	118	GR971.01	105	GR1100.66	127
GR405.03	92	GR683.02	104	GR775.60	118	GR971.02	105	GR1100.67	127
GR405.04	92	GR687.00	104	GR776.31	115	GR975.06	105	GR1100.68	127
GR405.05	92	GR687.01	104	GR776.32	115	GR975.09	105	GR1100.69	127
GR405.06	92	GR687.02	104	GR777.32	115	GR975.13	105	GR1100.70	127
GR441.01	92	GR695.00	104	GR777.33	115	GR975.16	105	GR1100.71	127
GR441.02	92	GR700.05	108	GR778.00	117	GR975.19	105	GR1100.72	127
GR441.03	92	GR701.05	108	GR778.01	117	GR975.25	105	GR1100.73	127
GR452.00	93	GR702.07	108	GR778.02	117	GR1000.48	105	GR1100.74	127
GR452.01	93	GR703.07	108	GR778.03	117	GR1000.49	105	GR1100.75	127
GR452.02	93	GR704.07	108	GR778.32	115	GR1000.50	105	GR1100.76	127
GR452.03	93	GR705.07	108	GR790.01	117	GR1000.51	105	GR1100.77	127
GR452.04	93	GR708.04	108	GR790.02	117	GR1000.52	105	GR1100.78	127
GR452.05	93	GR710.06	108	GR792.00	109	GR1000.53	105	GR1100.79	127
GR461.25	93	GR714.07	108	GR792.01	109	GR1000.54	105	GR1100.80	127
GR469.22	93	GR714.10	108	GR792.02	109	GR1000.55	105	GR1100.81	127
GR471.01	91	GR715.07	108	GR793.00	109	GR1000.56	105	GR1100.82	127
GR471.02	91	GR715.10	108	GR794.00	109	GR1000.57	105	GR1100.83	127
GR471.03	91	GR717.10	108	GR794.90	109	GR1000.58	105	GR1100.84	127
GR501.25	93	GR723.10	108	GR798.01	109	GR1000.59	105	GR1100.85	127

GR1100.86	127	GR1200.85	83	GS245.20	18	GS380.90	21	GS660.18	13
GR1100.87	127	GS100.11	8	GS248.11	12	GS381.00	21	GS660.20	13
GR1100.88	127	GS100.13	8	GS249.11	12	GS381.01	21	GS660.23	13
GR1100.89	127	GS100.14	8	GS250.14	12	GS382.25	21	GS660.26	13
GR1100.90	127	GS100.15	8	GS252.14	12	GS382.45	21	GS660.28	13
GR1100.91	127	GS100.16	8	GS254.14	12	GS382.60	21	GS660.31	13
GR1100.92	127	GS100.17	8	GS255.14	12	GS382.90	21	GS661.18	13
GR1100.93	127	GS100.18	8	GS257.14	12	GS383.01	21	GS661.20	13
GR1100.94	127	GS100.20	8	GS259.14	12	GS390.25	22	GS661.23	13
GR1100.95	127	GS102.11	8	GS280.16	12	GS390.45	22	GS661.26	13
GR1100.96	127	GS102.13	8	GS280.18	13	GS390.60	22	GS661.28	13
GR1100.97	127	GS102.14	8	GS280.20	13	GS391.19	22	GS661.31	13
GR1100.98	127	GS102.15	8	GS280.23	13	GS393.19	22	GS662.10	16
GR1100.99	127	GS102.16	8	GS280.26	13	GS394.19	22	GS662.16	16
GR1200.00	127	GS102.17	8	GS280.28	13	GS395.19	22	GS663.10	16
GR1200.01	127	GS102.18	8	GS280.31	13	GS396.19	22	GS663.16	16
GR1200.02	127	GS102.20	8	GS284.18	15	GS397.19	22	GS664.18	14
GR1200.03	127	GS104.11	8	GS284.20	15	GS398.19	22	GS664.20	14
GR1200.04	127	GS104.13	8	GS285.16	12	GS399.19	22	GS664.23	14
GR1200.05	127	GS104.14	8	GS285.18	13	GS419.90	19	GS664.26	14
GR1200.06	127	GS104.15	8	GS285.20	13	GS420.11	18	GS664.28	14
GR1200.07	127	GS104.16	8	GS285.23	13	GS421.14	18	GS665.14	14
GR1200.08	127	GS104.17	8	GS285.26	13	GS422.15	18	GS665.18	14
GR1200.09	127	GS104.18	8	GS285.28	13	GS427.25	21	GS665.20	14
GR1200.10	127	GS104.20	8	GS285.31	13	GS427.45	21	GS665.23	14
GR1200.11	127	GS105.11	8	GS298.14	11	GS427.60	21	GS665.26	14
GR1200.12	127	GS105.13	8	GS299.14	11	GS427.90	21	GS665.28	14
GR1200.13	127	GS105.14	8	GS300.15	18	GS428.00	21	GS666.14	16
GR1200.14	127	GS105.15	8	GS301.15	18	GS435.01	19	GS667.14	16
GR1200.15	127	GS105.16	8	GS305.00	30	GS445.22	20	GS669.12	17
GR1200.16	127	GS105.17	8	GS306.12	30	GS446.22	20	GS669.15	17
GR1200.17	128	GS105.18	8	GS306.19	30	GS455.17	19	GS671.15	17
GR1200.17A	128	GS105.20	8	GS307.19	30	GS459.17	17	GS671.18	17
GR1200.17B	128	GS107.11	8	GS308.17	30	GS461.18	17	GS672.11	24
GR1200.18	128	GS107.13	8	GS310.16	16	GS462.18	17	GS673.11	24
GR1200.19	128	GS107.14	8	GS311.16	16	GS475.23	20	GS674.11	25
GR1200.20	128	GS107.15	8	GS313.18	20	GS480.19	20	GS675.11	25
GR1200.21	128	GS107.16	8	GS313.21	20	GS495.17	29	GS676.11	25
GR1200.22	128	GS107.17	8	GS313.24	20	GS497.17	29	GS677.11	25
GR1200.23	128	GS107.18	8	GS314.18	20	GS499.19	28	GS680.11	25
GR1200.24	128	GS107.20	8	GS314.21	20	GS505.16	23	GS681.11	25
GR1200.25	128	GS109.11	8	GS314.24	20	GS509.16	23	GS682.11	25
GR1200.26	128	GS109.13	8	GS315.17	20	GS511.18	23	GS683.11	25
GR1200.27	128	GS109.14	8	GS315.20	20	GS513.18	23	GS690.11	24
GR1200.28	128	GS109.15	8	GS316.18	20	GS517.11	23	GS691.11	24
GR1200.29	128	GS109.16	8	GS316.20	20	GS519.11	23	GS705.11	25
GR1200.30	128	GS109.17	8	GS317.11	18	GS531.18	26	GS782.21	28
GR1200.31	128	GS109.18	8	GS317.14	27	GS535.14	26	GS784.09	30
GR1200.32	128	GS109.20	8	GS319.19	19	GS537.22	26	GS784.21	28
GR1200.33	128	GS120.13	9	GS320.10	16	GS545.10	27	GS785.32	28
GR1200.34	128	GS120.14	9	GS321.10	16	GS547.16	27	GS801.10	30
GR1200.35	128	GS122.13	9	GS324.16	16	GS551.16	27	GS809.11	30
GR1200.36	128	GS122.14	9	GS325.16	16	GS553.16	27	GS824.09	27
GR1200.37	128	GS124.13	9	GS326.14	14	GS566.13	23	GS826.13	27
GR1200.38	128	GS124.14	9	GS327.14	14	GS567.13	23	GS834.14	27
GR1200.39	128	GS125.13	9	GS328.14	14	GS570.12	23	GS865.12	29
GR1200.40	128	GS125.14	9	GS329.14	14	GS571.12	23	GS874.10	29
GR1200.41	128	GS127.13	9	GS330.18	14	GS580.12	23	GS875.10	29
GR1200.42	128	GS127.14	9	GS330.20	14	GS582.12	23	GS878.12	29
GR1200.43	128	GS129.13	9	GS330.23	14	GS584.12	23	GS879.12	29
GR1200.44	128	GS129.14	9	GS330.26	14	GS585.12	23	GS882.18	20
GR1200.45	128	GS136.14	9	GS330.28	14	GS587.12	23	GS886.20	19
GR1200.46	128	GS140.14	9	GS331.18	14	GS589.12	23	GS886.50	19
GR1200.47	128	GS141.14	9	GS331.20	14	GS593.11	25	GS886.90	19
GR1200.48	128	GS142.15	9	GS331.23	14	GS605.16	29	GS902.14	8
GR1200.49	128	GS170.14	10	GS331.26	14	GS607.16	29	GS903.14	8
GR1200.50	128	GS170.15	10	GS331.28	14	GS618.08	24	GS904.14	8
GR1200.51	128	GS170.17	10	GS335.18	15	GS619.08	24	GS905.14	8
GR1200.52	128	GS170.23	10	GS335.20	15	GS620.09	24	GS906.14	8
GR1200.53	128	GS171.14	10	GS335.23	15	GS620.10	24	GS907.14	8
GR1200.54	128	GS171.15	10	GS339.12	18	GS620.11	24	GS910.14	10
GR1200.55	128	GS171.17	10	GS339.18	18	GS620.12	24	GS910.17	10
GR1200.56	128	GS171.23	10	GS340.14	18	GS621.09	24	GS910.23	10
GR1200.57	128	GS174.22	11	GS341.14	18	GS621.10	24	GS911.14	10
GR1200.58	128	GS175.22	11	GS344.11	18	GS621.11	24	GS911.17	10
GR1200.59	128	GS175.30	11	GS345.11	18	GS621.12	24	GS911.23	10
GR1200.60	128	GS180.15	10	GS350.14	16	GS622.10	25	GS914.11	13
GR1200.61	128	GS180.17	10	GS351.14	16	GS633.11	24	GS914.14	13
GR1200.62	128	GS181.15	10	GS352.14	30	GS635.11	24	GS914.18	13
GR1200.63	128	GS181.17	10	GS353.14	30	GS637.10	25	GS914.20	13
GR1200.64	128	GS184.16	11	GS354.14	30	GS640.12	24	GS914.23	13
GR1200.65	128	GS184.19	11	GS355.14	30	GS641.12	24	GS914.25	13
GR1200.66	128	GS184.21	11	GS357.12	18	GS650.14	8	GS914.30	13
GR1200.67	128	GS185.16	11	GS358.13	17	GS651.14	8	GS915.14	11
GR1200.68	128	GS185.19	11	GS359.12	17	GS652.14	10	GS915.17	11
GR1200.69	128	GS185.21	11	GS359.15	17	GS652.17	10	GS915.23	11
GR1200.70	128	GS190.17	11	GS362.14	17	GS652.23	10	GS930.15	10
GR1200.71	128	GS191.17	11	GS363.14	17	GS653.14	10	GS930.17	10
GR1200.72	128	GS200.20	26	GS364.15	17	GS653.17	10	GS931.15	10
GR1200.73	128	GS200.23	26	GS365.15	17	GS653.23	10	GS931.17	10
GR1200.74	128	GS203.20	26	GS365.18	17	GS654.15	10	GS936.11	12
GR1200.75	128	GS203.23	26	GS367.14	19	GS654.17	10	GS937.11	12
GR1200.76	106	GS226.16	9	GS369.14	19	GS655.15	10	GS938.14	12
GR1200.77	105	GS227.16	9	GS374.19	19	GS655.17	10	GS939.14	12
GR1200.78	106	GS230.17	26	GS375.19	19	GS656.16	9	GS942.18	13
GR1200.79	106	GS231.17	26	GS375.24	19	GS657.16	9	GS942.20	13
GR1200.80	106	GS232.24	26	GS379.45	21	GS658.11	12	GS942.23	13
GR1200.81	106	GS233.24	26	GS380.25	21	GS658.14	12	GS942.26	13
GR1200.82	106	GS235.20	26	GS380.45	21	GS659.11	12	GS942.28	13
GR1200.84	83	GS235.23	26	GS380.60	21	GS659.14	12	GS942.31	13

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GS943.18	13	GT133.20	39	GT312.20	38	GT741.15	45	GU545.11	138
GS943.20	13	GT134.20	39	GT312.23	38	GT1200.75	128	GU545.12	138
GS943.23	13	GT166.12	40	GT312.25	38	GU1000.00	136	GU545.13	138
GS943.26	13	GT168.12	40	GT312.30	38	GU1000.01	136	GU545.18	138
GS943.28	13	GT168.15	40	GT323.15	38	GU1000.03	138	GU548.02	138
GS943.31	13	GT170.15	39	GT326.13	38	GU1000.04	138	GU548.04	138
GS945.20	13	GT171.20	39	GT326.14	38	GU1000.05	138	GU548.19	141
GS945.23	13	GT172.12	41	GT331.15	39	GU1000.06	138	GU549.19	141
GS945.28	13	GT172.15	41	GT332.15	39	GU1000.07	138	GU550.22	141
GS948.14	16	GT174.17	41	GT366.15	43	GU1000.08	139	GU551.22	141
GS949.14	16	GT180.17	41	GT366.20	43	GU1000.11	139	GU553.09	142
GS950.16	16	GT183.17	41	GT367.15	43	GU1000.12	143	GU554.09	142
GS950.21	16	GT184.06	41	GT367.20	43	GU1000.13	143	GU555.09	142
GS951.16	16	GT184.08	41	GT367.25	43	GU306.04	144	GU556.06	142
GS951.21	16	GT184.10	41	GT368.12	40	GU348.07	144	GU561.35	140
GS953.16	11	GT184.18	41	GT368.15	40	GU348.09	144	GU563.31	140
GS954.14	14	GT186.18	42	GT370.15	41	GU352.11	144	GU565.30	140
GS955.14	14	GT187.18	42	GT371.13	39	GU510.12	145	GU567.33	140
GS956.14	14	GT188.17	42	GT371.14	39	GU510.15	145	GU568.25	140
GS957.14	14	GT189.17	42	GT372.12	41	GU512.30	141	GU569.21	142
GS960.18	14	GT192.18	42	GT372.15	41	GU512.35	141	GU571.21	142
GS960.20	14	GT192.21	42	GT373.20	39	GU512.40	141	GU575.05	142
GS960.23	14	GT192.25	42	GT374.17	41	GU514.32	141	GU575.06	142
GS960.26	14	GT192.30	42	GT380.17	41	GU518.45	139	GU575.07	142
GS960.28	14	GT230.17	39	GT383.17	41	GU520.17	139	GU575.08	142
GS961.18	14	GT234.17	41	GT384.06	41	GU520.22	139	GU575.24	142
GS961.20	14	GT236.15	41	GT384.08	41	GU521.12	136	GU577.01	142
GS961.23	14	GT238.15	39	GT384.10	41	GU522.10	136	GU577.02	142
GS961.26	14	GT240.16	41	GT386.17	42	GU523.06	136	GU577.03	142
GS961.28	14	GT240.18	41	GT386.23	42	GU523.07	136	GU580.08	144
GS962.18	15	GT242.16	41	GT387.17	42	GU523.08	136	GU580.10	144
GS962.20	15	GT242.18	41	GT388.17	42	GU523.09	136	GU580.12	144
GS962.23	15	GT244.12	40	GT392.18	42	GU523.10	136	GU580.14	144
GS965.17	17	GT246.12	40	GT392.21	42	GU523.11	136	GU580.16	144
GS965.20	15	GT246.15	40	GT392.25	42	GU523.12	136	GU580.18	144
GS965.23	15	GT250.12	40	GT392.30	42	GU523.15	136	GU581.08	144
GS967.18	15	GT250.15	40	GT400.12	40	GU524.15	136	GU581.10	144
GS967.20	15	GT252.12	40	GT402.12	40	GU524.20	136	GU581.12	144
GS967.23	15	GT252.15	40	GT403.12	40	GU524.25	136	GU581.14	144
GS970.19	30	GT254.17	42	GT404.12	40	GU524.30	136	GU581.16	144
GS970.23	30	GT255.18	42	GT404.15	40	GU524.40	136	GU581.18	144
GS976.20	26	GT256.18	42	GT406.12	40	GU524.50	136	GU583.08	144
GS976.23	26	GT258.14	42	GT406.15	40	GU525.06	136	GU583.10	144
GS977.20	26	GT258.15	42	GT409.12	44	GU525.08	136	GU583.12	144
GS977.23	26	GT258.18	42	GT410.12	44	GU525.10	136	GU583.14	144
GS980.13	23	GT258.20	42	GT412.11	44	GU525.12	136	GU583.16	144
GS981.13	23	GT258.23	42	GT414.11	44	GU525.15	136	GU583.18	144
GS982.11	24	GT258.25	42	GT416.11	44	GU525.20	136	GU584.08	144
GS983.11	24	GT260.14	42	GT418.11	44	GU525.24	139	GU584.10	144
GS985.25	22	GT260.16	42	GT420.15	43	GU525.25	136	GU584.12	144
GS985.45	22	GT260.18	42	GT420.20	43	GU525.30	136	GU584.14	144
GS985.60	22	GT260.20	42	GT420.25	43	GU525.40	136	GU584.16	144
GS987.25	22	GT260.25	42	GT426.14	43	GU525.50	136	GU584.18	144
GS987.45	22	GT266.15	43	GT426.16	43	GU526.00	137	GU606.00	145
GS987.60	22	GT266.23	43	GT426.20	43	GU526.01	137	GU606.01	145
GS989.11	24	GT285.18	344	GT426.25	43	GU526.05	137	GU611.20	145
GS991.12	27	GT285.20	344	GT444.18	43	GU526.07	137	GU611.29	145
GS992.16	9	GT286.18	344	GT444.26	43	GU526.09	137	GU611.30	145
GS993.16	9	GT286.20	344	GT451.18	39	GU526.12	137	GU611.37	145
GS994.17	29	GT287.18	344	GT456.23	43	GU526.15	136	GU611.50	145
GS995.12	29	GT287.20	344	GT460.18	43	GU526.20	136	GU630.20	145
GS997.16	29	GT301.10	38	GT460.23	43	GU526.25	136	GU630.25	145
GS999.16	29	GT301.11	38	GT466.23	43	GU526.30	136	GU630.30	145
GT100.10	38	GT301.13	38	GT467.23	43	GU526.40	136	GU631.01	146
GT100.11	38	GT301.14	38	GT468.18	43	GU526.50	136	GU632.12	145
GT100.13	38	GT301.16	38	GT502.10	43	GU527.00	136	GU632.14	145
GT100.14	38	GT301.18	38	GT503.10	43	GU527.01	136	GU632.16	145
GT100.16	38	GT301.20	38	GT505.10	43	GU527.04	136	GU633.14	145
GT100.18	38	GT301.23	38	GT512.10	43	GU527.06	136	GU635.10	145
GT100.20	38	GT301.25	38	GT513.10	43	GU527.08	136	GU636.01	146
GT100.23	38	GT301.30	38	GT515.10	43	GU527.15	136	GU640.10	146
GT100.25	38	GT302.11	38	GT600.12	44	GU527.20	136	GU640.15	146
GT100.30	38	GT302.13	38	GT601.12	44	GU527.25	136	GU640.18	146
GT1000.03	39	GT302.14	38	GT604.09	44	GU527.30	136	GU640.20	146
GT104.10	38	GT302.16	38	GT604.11	44	GU527.40	136	GU641.20	146
GT104.12	38	GT302.17	38	GT604.12	44	GU527.50	136	GU642.01	146
GT104.13	38	GT302.18	38	GT605.09	44	GU528.10	137	GU642.20	146
GT104.14	38	GT302.20	38	GT605.12	44	GU528.15	137	GU644.00	146
GT104.16	38	GT302.25	38	GT616.16	44	GU528.20	137	GU644.05	146
GT104.18	38	GT303.14	38	GT618.16	44	GU529.15	137	GU644.07	146
GT104.20	38	GT303.16	38	GT619.16	44	GU529.30	137	GU644.10	146
GT104.23	38	GT303.20	38	GT624.12	44	GU529.35	137	GU644.13	146
GT104.25	38	GT304.14	38	GT626.14	44	GU529.45	137	GU645.15	137
GT104.30	38	GT304.16	38	GT630.07	45	GU532.10	137	GU645.20	137
GT120.10	38	GT306.10	38	GT630.09	45	GU532.15	137	GU645.25	137
GT120.12	38	GT306.12	38	GT630.11	45	GU532.20	137	GU645.30	137
GT120.13	38	GT306.13	38	GT640.10	45	GU533.01	143	GU647.02	137
GT120.14	38	GT306.14	38	GT641.11	45	GU540.15	137	GU647.03	137
GT120.16	38	GT306.16	38	GT655.10	45	GU540.20	137	GU647.15	145
GT120.18	38	GT306.18	38	GT656.10	45	GU540.25	137	GU647.20	145
GT120.20	38	GT306.20	38	GT657.10	45	GU540.35	137	GU670.25	143
GT120.23	38	GT306.23	38	GT659.10	45	GU542.21	138	GU670.30	143
GT120.25	38	GT306.25	38	GT661.09	45	GU543.27	138	GU670.40	143
GT120.30	38	GT306.30	38	GT676.09	45	GU544.16	139	GU672.25	143
GT122.13	38	GT312.10	38	GT680.09	45	GU544.20	139	GU672.30	143
GT126.13	38	GT312.12	38	GT695.10	45	GU544.28	139	GU672.40	143
GT126.14	38	GT312.13	38	GT720.10	45	GU545.00	138	GU674.25	143
GT130.07	39	GT312.14	38	GT721.13	45	GU545.01	138	GU674.30	143
GT131.17	39	GT312.16	38	GT725.11	45	GU545.02	138	GU674.40	143
GT132.19	39	GT312.18	38	GT740.15	45	GU545.10	138	GU676.25	143

GU676.30	143	GY1000.09	306	GY400.03	301	GY793.25	308	GY927.14	314		
GU676.40	143	GY1000.10	306	GY400.04	301	GY801.23	309	GY927.15	314		
GU680.25	143	GY1000.11	296	GY400.05	301	GY804.03	309	GY927.16	314		
GU680.30	143	GY1000.12	296	GY400.06	301	GY806.22	309	GY927.19	314		
GU680.40	143	GY1000.13	296	GY400.07	301	GY808.22	309	GY927.20	314		
GU690.03	143	GY110.01	295	GY400.08	301	GY825.23	309	GY927.21	314		
GU690.04	143	GY110.02	295	GY400.09	301	GY827.30	309	GY927.23	314		
GU690.05	143	GY110.03	295	GY400.10	301	GY841.23	310	GY927.25	314		
GU690.06	143	GY112.01	295	GY400.11	301	GY843.21	310	GY927.30	314		
GU690.07	143	GY114.01	295	GY400.12	301	GY846.21	310	GY927.35	314		
GU690.08	143	GY114.02	295	GY400.13	301	GY846.28	310	GY927.40	314		
GU690.09	143	GY114.03	295	GY400.14	301	GY851.22	310	GY989.03	313		
GU690.12	143	GY116.01	295	GY400.15	301	GY851.24	310	GY989.04	313		
GU692.03	143	GY116.02	295	GY400.16	301	GY853.26	311	GY989.06	313		
GU692.04	143	GY116.03	295	GY400.17	301	GY855.24	311	GY989.08	313		
GU692.05	143	GY120.01	295	GY400.18	301	GY855.25	311	GY989.10	313		
GU692.06	143	GY120.02	295	GY400.19	301	GY857.28	312	GY989.12	313		
GU692.07	143	GY120.03	295	GY400.20	301	GY859.32	312	GY989.14	313		
GU692.08	143	GY128.01	295	GY400.21	301	GY861.02	312	GY989.50	313		
GU692.09	143	GY128.02	295	GY400.22	301	GY865.00	312	GY1000.14	311		
GU692.12	143	GY128.03	295	GY400.23	301	GY865.01	312	GZ085.27	180		
GU694.03	143	GY130.01	295	GY400.24	301	GY866.22	312	GZ091.30	180		
GU694.04	143	GY130.02	295	GY400.25	301	GY866.32	312	GZ470.58	180		
GU694.05	143	GY130.03	295	GY400.26	301	GY900.01	313	GZ474.55	180		
GU694.06	143	GY132.01	295	GY400.80	301	GY900.02	313	GZ804.14	180		
GU694.07	143	GY132.02	295	GY400.84	301	GY900.03	313	GZ805.14	180		
GU694.08	143	GY160.01	298	GY400.90	301	GY900.04	313	HW010.28	176		
GU694.09	143	GY160.02	298	GY400.98	301	GY900.05	313	HW011.41	176		
GU694.12	143	GY160.03	298	GY401.01	301	GY900.06	313	HW030.27	176		
GU695.03	146	GY165.01	298	GY401.02	301	GY906.01	313	HW031.40	176		
GU695.04	146	GY165.02	298	GY401.03	301	GY906.02	313	HW176.33	176		
GU695.05	146	GY165.03	298	GY401.04	301	GY906.03	313	HW178.33	176		
GU695.06	146	GY182.01	296	GY401.05	301	GY906.04	313	HW200.08	178		
GU696.03	143	GY182.02	296	GY401.06	301	GY906.05	313	HW200.12	178		
GU696.04	143	GY182.03	296	GY401.07	301	GY906.06	313	HW200.14	178		
GU696.05	143	GY183.01	296	GY401.08	301	GY919.00	313	HW200.16	178		
GU696.06	143	GY183.02	296	GY401.09	301	GY920.05	314	HW200.17	178		
GU696.07	143	GY183.03	296	GY401.10	301	GY920.06	314	HW200.19	178		
GU696.08	143	GY185.01	296	GY401.11	301	GY920.07	314	HW200.20	178		
GU696.09	143	GY185.02	296	GY401.12	301	GY920.08	314	HW200.23	178		
GU696.12	143	GY185.03	296	GY401.13	301	GY920.09	314	HW200.24	178		
GU697.06	145	GY190.01	296	GY401.14	301	GY920.11	314	HW200.28	178		
GU699.20	143	GY190.02	296	GY401.15	301	GY920.12	314	HW200.29	178		
GU699.25	143	GY191.01	296	GY401.16	301	GY920.14	314	HW200.33	178		
GU699.35	143	GY191.02	296	GY401.17	301	GY920.15	314	HW200.34	178		
GU700.35	145	GY195.01	296	GY430.02	301	GY920.16	314	HW200.38	178		
GU700.70	145	GY195.02	296	GY430.04	301	GY920.19	314	HW200.39	178		
GU701.10	145	GY196.01	297	GY430.06	301	GY920.20	314	HW231.04	176		
GU701.70	145	GY196.02	297	GY430.08	301	GY920.21	314	HW231.06	176		
GU702.10	145	GY196.03	297	GY430.10	301	GY920.23	314	HW231.08	176		
GU702.70	145	GY197.01	297	GY430.12	301	GY920.25	314	HW231.11	176		
GU703.10	145	GY197.02	297	GY430.14	301	GY920.30	314	HW231.12	176		
GU703.70	145	GY197.03	297	GY430.16	301	GY920.35	314	HW231.14	176		
GU710.14	146	GY199.01	297	GY430.18	301	GY920.40	314	HW231.16	176		
GU710.18	146	GY199.02	297	GY430.20	301	GY921.05	314	HW231.18	176		
GW100.22	76	GY199.03	297	GY430.22	301	GY921.06	314	HW232.04	176		
GW100.27	76	GY202.01	297	GY430.24	301	GY921.07	314	HW232.06	176		
GW1000.00	76	GY202.02	297	GY430.26	301	GY921.08	314	HW232.08	176		
GW101.22	76	GY202.03	297	GY430.80	301	GY921.09	314	HW232.11	176		
GW101.27	76	GY203.01	297	GY430.82	301	GY921.11	314	HW232.12	176		
GW110.13	76	GY203.02	297	GY430.86	301	GY921.12	314	HW232.14	176		
GW110.16	76	GY203.03	297	GY460.10	302	GY921.14	314	HW232.16	176		
GW110.18	76	GY205.01	297	GY460.12	302	GY921.15	314	HW232.18	176		
GW120.17	76	GY205.02	297	GY460.14	302	GY921.16	314	HW235.11	176		
GW222.20	77	GY205.03	297	GY460.16	302	GY921.19	314	HW235.12	176		
GW222.22	77	GY232.01	298	GY460.18	302	GY921.20	314	HW235.14	176		
GW222.27	77	GY232.02	298	GY460.20	302	GY921.21	314	HW235.16	176		
GW223.20	77	GY233.01	298	GY460.82	302	GY921.23	314	HW235.18	176		
GW223.22	77	GY233.02	298	GY581.01	312	GY921.25	314	HW256.02	179		
GW223.27	77	GY235.01	298	GY583.32	303	GY921.30	314	HW256.05	179		
GW231.40	77	GY235.02	298	GY584.20	312	GY921.35	314	HW256.10	179		
GW286.25	77	GY249.01	299	GY584.30	312	GY921.40	314	HW256.20	179		
GW290.25	80	GY249.02	299	GY584.32	303	GY924.10	313	HW280.00	178		
GW310.26	78	GY249.03	299	GY584.40	312	GY924.12	313	HW280.01	178		
GW313.26	78	GY250.01	299	GY593.25	303	GY924.14	313	HW280.02	178		
GW315.26	78	GY250.02	299	GY596.26	303	GY926.05	314	HW309.65	178		
GW320.24	80	GY250.03	299	GY622.25	304	GY926.06	314	HW310.65	178		
GW350.18	79	GY250.04	299	GY628.25	304	GY926.07	314	HW324.21	177		
GW350.20	79	GY251.01	299	GY645.28	304	GY926.08	314	HW324.24	177		
GW350.25	79	GY251.02	299	GY659.26	304	GY926.09	314	HW324.25	177		
GW351.18	79	GY251.03	299	GY663.24	305	GY926.11	314	HW324.26	177		
GW351.20	79	GY310.22	298	GY682.24	305	GY926.12	314	HW324.27	177		
GW351.25	79	GY310.90	298	GY683.24	305	GY926.14	314	HW324.30	177		
GW352.18	79	GY323.20	299	GY697.23	305	GY926.15	314	HW324.31	177		
GW352.20	79	GY323.25	299	GY699.26	305	GY926.16	314	HW324.35	177		
GW352.25	79	GY323.30	299	GY702.24	306	GY926.19	314	HW324.40	177		
GW355.18	79	GY323.35	299	GY704.24	306	GY926.20	314	HW324.42	177		
GW355.20	79	GY323.40	299	GY706.24	306	GY926.21	314	HW340.23	177		
GW355.25	79	GY324.20	299	GY728.21	307	GY926.23	314	HW340.24	177		
GW360.25	79	GY324.25	299	GY734.26	306	GY926.25	314	HW348.00	177		
GW361.25	79	GY324.30	299	GY738.16	306	GY926.30	314	HW348.18	176		
GW370.18	80	GY324.35	299	GY740.21	306	GY926.35	314	HW348.20	176		
GW370.25	80	GY324.40	299	GY741.32	307	GY926.40	314	HW348.22	176		
GY1000.00	308	GY325.40	299	GY744.27	307	GY927.05	314	HW348.24	176		
GY1000.01	307	GY342.24	299	GY745.25	307	GY927.06	314	HW360.30	178		
GY1000.02	305	GY381.24	300	GY758.17	309	GY927.07	314	HW360.50	178		
GY1000.04	295	GY383.24	300	GY760.17	309	GY927.08	314	HW360.51	178		
GY1000.05	295	GY383.34	300	GY762.27	309	GY927.09	314	HW360.52	178		
GY1000.06	295	GY400.01	301	GY773.27	308	GY927.11	314	HW360.75	178		
GY1000.08	305	GY400.02	301	GY779.23	308	GY927.12	314	HW360.76	178		

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HW360.77	178	MC200.04	131	MS400.25	33	MS854.20	291	MT852.03	290
HW360.98	178	MN030.15	164	MS400.45	33	MS854.22	36	MT852.04	47
HW360.99	178	MN030.18	164	MS400.60	33	MS854.22A	291	MT852.05	47
HW411.16	177	MN030.21	164	MS400.90	33	MS855.20A	36	MT853.01	290
HW411.20	177	MN030.23	164	MS401.00	33	MS855.20	291	MT853.02	290
HW411.21	177	MN031.15	164	MS402.25	33	MS855.22A	36	MT853.03	47
HW411.23	177	MN031.18	164	MS402.45	33	MS855.22	291	MT853.03	290
HW411.26	177	MN031.21	164	MS402.60	33	MT564.15	46	MT853.04	47
HW411.27	177	MN031.23	164	MS402.90	33	MT564.18	46	MT853.05	47
HW411.30	177	MN032.15	164	MS403.00	33	MT565.15	46	MT856.16	48
HW411.32	177	MN032.18	164	MS412.25	33	MT565.18	46	MT856.16	290
HW411.33	177	MN032.21	164	MS412.45	33	MT566.15	46	MT856.18	48
HW411.42	177	MN032.23	164	MS412.60	33	MT566.18	46	MT856.18	290
HW411.43	177	MN033.15	164	MS412.90	33	MT566.21	46	MT856.20	48
HW412.16	177	MN033.18	164	MS413.00	33	MT566.23	46	MT856.20	290
HW412.20	177	MN033.21	164	MS414.25	33	MT566.25	46	MT856.22	48
HW412.21	177	MN033.23	164	MS414.45	33	MT567.15	46	MT856.22	290
HW412.23	177	MN070.15	164	MS414.60	33	MT567.18	46	MT856.24	48
HW412.26	177	MN070.18	164	MS414.90	33	MT567.21	46	MT856.24	290
HW412.27	177	MN070.21	164	MS415.00	33	MT567.23	46	MT859.16	48
HW412.30	177	MN070.23	164	MS436.25	33	MT567.25	46	MT859.16	290
HW412.32	177	MN071.15	164	MS436.45	33	MT568.15	46	MT859.18	48
HW412.33	177	MN071.18	164	MS436.60	33	MT568.18	46	MT859.18	290
HW412.42	177	MN071.21	164	MS436.90	33	MT569.15	46	MT859.20	48
HW412.43	177	MN071.23	164	MS437.00	33	MT569.18	46	MT859.20	290
HW419.20	177	MN072.15	164	MS438.25	33	MT570.15	46	MT859.22	48
HW431.02	179	MN072.18	164	MS438.45	33	MT570.18	46	MT859.22	290
HW431.04	179	MN072.21	164	MS438.60	33	MT570.21	46	MT859.24	48
HW431.06	179	MN072.23	164	MS438.90	33	MT570.23	46	MT859.24	290
HW431.10	179	MN073.15	164	MS439.00	33	MT571.15	46	MT860.18	48
HW432.08	179	MN073.18	164	MS700.00	34	MT571.18	46	MT860.18	290
HW432.12	179	MN073.21	164	MS700.01	34	MT571.21	46	MT863.22	47
HW435.15	179	MN073.23	164	MS700.04	34	MT571.23	46	MT863.22	290
HW650.90	178	MN274.14	166	MS700.05	34	MT572.00	46	MT863.24	47
HW673.17	177	MN288.10	165	MS701.00	34	MT572.01	46	MT863.24	290
HW673.25	177	MN289.10	165	MS701.01	34	MT572.02	46	MT865.22	47
HW673.27	177	MN290.14	166	MS701.04	34	MT572.03	46	MT865.22	290
HW702.23	179	MN291.14	166	MS701.05	34	MT572.04	46	MT865.24	47
HW702.31	179	MN298.10	165	MS710.15	32	MT572.05	46	MT865.24	290
HW704.23	179	MN298.11	165	MS710.18	32	MT572.06	46	MT867.22	47
HW704.31	179	MN299.10	165	MS710.19	32	MT572.07	46	MT867.22	290
HW708.23	179	MN299.11	165	MS710.21	32	MT572.08	46	MT867.24	47
HW708.31	179	MN300.11	165	MS710.23	32	MT572.09	46	MT867.24	290
HW850.01	179	MN300.13	165	MS711.15	32	MT572.15	46	MT871.20	47
HW851.15	179	MN300.14	165	MS711.18	32	MT572.20	46	MT871.20	290
HW852.20	179	MN302.01	166	MS711.19	32	MT572.25	46	MT871.22	47
HW860.02	179	MN304.01	166	MS711.20	32	MT572.30	46	MT871.22	290
HW860.50	178	MN305.01	166	MS711.21	32	MT573.00	46	MT872.20	47
HW910.00	179	MN306.14	165	MS711.23	32	MT573.02	46	MT872.20	290
HW911.01	179	MN307.14	165	MS712.15	32	MT573.03	46	MT872.22	47
KP1398Z	547	MN308.14	165	MS712.18	32	MT573.04	46	MT872.22	290
KP1399Z	547	MN309.14	165	MS712.19	32	MT573.05	46	MT873.22	47
KP1400Z	547	MN316.12	166	MS712.21	32	MT573.07	46	MT873.22	290
KP1401Z	547	MN317.12	166	MS712.23	32	MT573.08	46	MT875.22	47
KP1402Z	547	MN605.15	164	MS713.15	32	MT573.09	46	MT875.22	290
KP1403Z	547	MN605.18	164	MS713.18	32	MT573.10	46	MT883.22	48
KP1404Z	547	MN605.21	164	MS713.19	32	MT573.12	46	MT885.22	48
KP1405Z	547	MN605.23	164	MS713.20	32	MT573.13	46	MT890.20	48
KP1406Z	547	MN606.15	164	MS713.21	32	MT573.14	46	MT890.20	290
KP1407Z	547	MN606.18	164	MS713.23	32	MT573.15	46	MT891.20	48
KP1408Z	547	MN606.21	164	MS740.11	34	MT573.17	46	MT891.20	290
KP1409Z	547	MN606.23	164	MS741.11	34	MT573.18	46	NU1000.30	278
LY.010.15	154	MN607.15	164	MS756.12	34	MT573.19	46	NU1000.31	278
LY.010.20	154	MN607.18	164	MS757.12	34	MT574.15	46	NU1000.32	278
LY.010.25	154	MN607.21	164	MS758.12	35	MT574.18	46	NU1000.33	278
LY.020.00	152	MN607.23	164	MS760.09	34	MT574.21	46	NU1000.34	278
LY.021.01	152	MN608.15	164	MS761.09	34	MT574.23	46	NU1000.35	278
LY.021.02	152	MN608.18	164	MS850.01A	35	MT574.25	46	NU1000.36	278
LY.021.03	152	MN608.21	164	MS850.01	291	MT575.15	46	NU1000.37	278
LY.021.04	152	MN608.23	164	MS850.02A	35	MT575.18	46	NU1000.38	278
LY.040.00	152	MN620.14	165	MS850.02	291	MT575.21	46	NU1000.39	278
LY.041.01	152	MN620.18	165	MS850.03	35	MT575.23	46	NU1000.40	278
LY.041.02	152	MN620.21	165	MS850.03A	291	MT575.25	46	NU478.01	287
LY.041.03	152	MN621.14	165	MS850.04A	35	MT576.15	46	NU478.02	287
LY.041.04	152	MN621.18	165	MS850.04	291	MT576.18	46	NU478.03	287
LY.199.19	154	MN621.21	165	MS850.05	35	MT576.21	46	NU478.04	287
LY.199.29	154	MN622.14	165	MS850.05A	291	MT576.23	46	NU478.05	287
LY.199.33	154	MN623.14	165	MS850.10A	35	MT576.25	46	NU478.06	287
LY.220.10	152	MN850.20	166	MS850.10	291	MT589.15	46	NU478.07	287
LY.220.12	152	MN850.20A	292	MS850.11	35	MT589.18	46	NU478.08	287
LY.240.30	152	MN850.22A	166	MS850.11A	291	MT589.21	46	NU478.09	287
LY.240.40	152	MN850.22	292	MS850.15A	35	MT589.23	46	NU478.10	287
LY.399.19	154	MN851.20	166	MS850.15	291	MT589.25	46	NU478.11	287
LY.399.29	154	MN851.20A	292	MS850.16	36	MT773.01	46	NU478.12	287
LY.399.33	154	MN851.22A	166	MS850.16B	291	MT773.06	46	NU478.13	287
LY.520.00	153	MN851.22	292	MS850.20A	36	MT773.11	46	NU478.14	287
LY.521.01	153	MN852.18	166	MS850.20	291	MT773.16	46	NU478.15	287
LY.521.02	153	MN852.18A	292	MS850.22	36	MT774.15	46	NU478.16	287
LY.521.03	153	MN854.18A	166	MS850.22B	291	MT774.18	46	NU478.17	287
LY.521.04	153	MN854.18	292	MS850.24	36	MT774.21	46	NU478.18	287
LY.541.00	153	MS384.25	33	MS851.16	36	MT774.23	46	NU478.19	287
LY.541.01	153	MS384.45	33	MS851.16	291	MT774.25	46	NU478.20	287
LY.541.02	153	MS384.60	33	MS851.20	36	MT776.15	46	NU478.21	287
LY.541.03	153	MS384.90	33	MS851.20	291	MT776.18	46	NU478.22	287
LY.541.04	153	MS385.00	33	MS851.22	36	MT776.21	46	NU478.23	287
LY.620.10	153	MS398.25	33	MS851.22	291	MT776.23	46	NU478.24	287
LY.620.12	153	MS398.45	33	MS851.24	291	MT776.25	46	NU478.25	287
LY.640.30	153	MS398.60	33	MS853.20	36	MT852.01	290	NU478.26	287
LY.640.40	153	MS398.90	33	MS853.20A	291	MT852.02	290	NU478.27	287
MC100.03	131	MS399.00	33	MS854.20A	36	MT852.03	47	NU478.28	287

NU478.29	287	NU530.35	285	NU858.11	280	NU978.58	288	NU982.15	282
NU478.30	287	NU530.36	285	NU858.12	280	NU978.59	288	NU982.16	282
NU478.31	287	NU530.38	277	NU858.13	280	NU978.60	288	NU982.17	282
NU478.32	287	NU530.39	277	NU858.20	280	NU978.61	288	NU982.18	282
NU478.33	287	NU530.40	277	NU858.21	280	NU978.62	288	NU982.19	282
NU478.34	287	NU530.41	285	NU858.30	280	NU978.63	288	NU982.25	282
NU478.35	287	NU530.42	285	NU860.01	279	NU978.64	288	NU982.26	282
NU478.36	287	NU530.43	285	NU860.02	279	NU978.65	288	NU982.27	282
NU478.37	287	NU530.44	285	NU860.03	279	NU978.66	288	NU982.28	282
NU478.38	287	NU530.45	285	NU860.04	279	NU978.67	288	NU982.29	282
NU478.39	287	NU530.46	286	NU862.01	279	NU978.68	288	NU982.30	282
NU478.40	287	NU530.47	286	NU862.02	279	NU978.69	288	NU982.31	282
NU478.41	287	NU530.48	286	NU862.03	279	NU978.70	288	NU982.32	282
NU478.42	287	NU530.49	286	NU862.04	279	NU978.71	288	NU982.33	282
NU478.43	287	NU530.50	286	NU862.05	279	NU978.72	288	NU982.34	282
NU478.44	287	NU530.51	286	NU862.06	279	NU978.73	288	NU982.35	282
NU478.45	287	NU530.52	286	NU862.07	279	NU978.74	288	NU982.36	282
NU478.46	287	NU530.53	278	NU862.10	279	NU978.75	288	NU982.37	282
NU478.47	287	NU530.54	278	NU862.11	279	NU978.76	288	NU982.38	282
NU478.48	287	NU530.55	278	NU862.20	279	NU978.77	288	NU982.39	282
NU478.50	288	NU530.58	278	NU863.01	279	NU978.78	288	NU982.45	282
NU478.51	288	NU530.59	278	NU863.10	279	NU978.79	288	NU982.46	282
NU478.52	288	NU600.30	274	NU863.11	279	NU978.80	288	NU982.47	282
NU478.53	288	NU600.40	274	NU863.12	279	NU978.81	288	NU982.48	282
NU478.54	288	NU600.50	274	NU863.13	279	NU978.82	288	NU982.49	282
NU478.55	288	NU600.60	274	NU864.01	279	NU978.83	288	NU982.50	282
NU478.56	288	NU600.70	274	NU864.02	279	NU978.84	288	NU982.51	282
NU478.57	288	NU602.01	274	NU865.01	279	NU978.85	288	NU982.52	282
NU478.58	288	NU618.33	274	NU865.10	280	NU98.20	282	NU982.53	282
NU478.59	288	NU641.01	274	NU865.11	280	NU98.40	282	NU982.54	282
NU478.60	288	NU641.02	274	NU866.01	280	NU980.80	282	NU982.55	282
NU478.61	288	NU641.04	274	NU866.02	280	NU981.05	282	NU982.56	282
NU478.62	288	NU641.05	274	NU940.01	280	NU981.06	282	NU982.57	282
NU478.63	288	NU643.01	274	NU940.02	280	NU981.07	282	NU982.58	282
NU478.64	288	NU643.10	274	NU940.03	280	NU981.08	282	NU982.59	282
NU478.65	288	NU654.20	275	NU940.04	280	NU981.09	282	NU982.60	282
NU478.66	288	NU658.21	275	NU942.05	280	NU981.10	282	NU982.80	282
NU478.67	288	NU659.22	275	NU942.07	280	NU981.11	282	NU983.81	282
NU478.68	288	NU661.14	275	NU942.09	280	NU981.12	282	NU984.80	282
NU478.69	288	NU663.19	275	NU942.11	280	NU981.13	282	NU985.81	282
NU478.70	288	NU676.00	275	NU973.16	281	NU981.14	282	NU986.80	282
NU478.71	288	NU678.01	276	NU974.17	281	NU981.15	282	NU987.81	282
NU478.72	288	NU678.02	276	NU975.17	281	NU981.16	282	NU996.27	289
NU478.73	288	NU680.25	276	NU977.27	281	NU981.17	282	NU996.50	289
NU478.74	288	NU681.24	276	NU978.01	287	NU981.18	282	NU996.51	289
NU478.75	288	NU682.18	276	NU978.02	287	NU981.19	282	NU500.34	283
NU478.76	288	NU683.24	276	NU978.03	287	NU981.20	282	NU500.35	283
NU478.77	288	NU684.19	276	NU978.04	287	NU981.25	282	NU500.36	283
NU478.78	288	NU685.21	276	NU978.05	287	NU981.26	282	NU500.37	283
NU478.79	288	NU686.21	276	NU978.06	287	NU981.27	282	NU500.38	283
NU478.80	288	NU687.21	277	NU978.07	287	NU981.28	282	NU500.39	283
NU478.81	288	NU688.22	276	NU978.08	287	NU981.29	282	OB036.00	235
NU478.82	288	NU690.01	276	NU978.09	287	NU981.30	282	OB072.04	235
NU478.83	288	NU690.02	276	NU978.10	287	NU981.31	282	OB074.04	235
NU478.84	288	NU690.03	276	NU978.11	287	NU981.32	282	OB076.01	235
NU478.85	288	NU690.04	276	NU978.12	287	NU981.33	282	OB076.02	235
NU481.84	289	NU690.05	276	NU978.13	287	NU981.34	282	OB076.03	235
NU481.85	289	NU691.24	277	NU978.14	287	NU981.35	282	OB080.03	235
NU481.86	289	NU738.26	277	NU978.15	287	NU981.36	282	OB080.05	235
NU481.87	289	NU740.26	277	NU978.16	287	NU981.37	282	OB100.08	235
NU481.91	289	NU742.19	277	NU978.17	287	NU981.38	282	OB100.10	235
NU481.92	289	NU742.28	277	NU978.18	287	NU981.39	282	OB100.12	235
NU481.93	289	NU744.19	277	NU978.19	287	NU981.40	282	OB100.14	235
NU481.94	289	NU744.28	277	NU978.20	287	NU981.45	282	OB100.16	235
NU481.95	289	NU748.17	277	NU978.21	287	NU981.46	282	OB1000.01	260
NU481.96	289	NU748.21	277	NU978.22	287	NU981.47	282	OB101.08	235
NU500.01	285	NU823.20	277	NU978.23	287	NU981.48	282	OB101.10	235
NU500.02	285	NU824.20	277	NU978.24	287	NU981.49	282	OB101.12	235
NU500.03	285	NU825.16	277	NU978.25	287	NU981.50	282	OB101.14	235
NU500.04	284	NU827.18	277	NU978.26	287	NU981.51	282	OB101.16	235
NU500.05	284	NU830.19	277	NU978.27	287	NU981.52	282	OB102.08	235
NU500.06	284	NU831.19	277	NU978.28	287	NU981.53	282	OB102.10	235
NU500.07	284	NU835.13	277	NU978.29	287	NU981.54	282	OB102.12	235
NU500.08	284	NU835.18	277	NU978.30	287	NU981.55	282	OB102.14	235
NU500.09	284	NU850.50	292	NU978.31	287	NU981.56	282	OB102.16	235
NU500.10	284	NU850.60	292	NU978.32	287	NU981.57	282	OB105.02	235
NU500.11	284	NU853.01	277	NU978.33	287	NU981.58	282	OB105.03	235
NU500.12	284	NU853.02	277	NU978.34	287	NU981.59	282	OB105.04	235
NU500.13	284	NU853.03	279	NU978.35	287	NU981.60	282	OB105.05	235
NU500.14	284	NU854.01	279	NU978.36	287	NU981.81	282	OB105.06	235
NU500.15	284	NU854.02	279	NU978.37	287	NU981.84	289	OB106.02	235
NU500.16	284	NU854.03	279	NU978.38	287	NU981.85	289	OB106.03	235
NU500.17	284	NU854.04	279	NU978.39	287	NU981.86	289	OB106.04	235
NU500.18	284	NU854.05	279	NU978.40	287	NU981.87	289	OB106.05	235
NU500.19	284	NU854.06	279	NU978.41	287	NU981.91	289	OB106.06	235
NU500.20	284	NU854.07	279	NU978.42	287	NU981.92	289	OB109.02	235
NU500.21	284	NU854.08	279	NU978.43	287	NU981.93	289	OB109.03	235
NU500.22	284	NU854.09	279	NU978.44	287	NU981.94	289	OB109.04	235
NU500.23	284	NU854.10	279	NU978.45	287	NU981.95	289	OB109.05	235
NU500.24	284	NU854.11	279	NU978.46	287	NU981.96	289	OB109.06	235
NU500.25	284	NU854.12	279	NU978.47	287	NU982.05	282	OB110.02	235
NU500.26	284	NU856.01	280	NU978.48	287	NU982.06	282	OB110.03	235
NU500.27	284	NU856.02	280	NU978.50	288	NU982.07	282	OB110.04	235
NU500.28	284	NU856.03	280	NU978.51	288	NU982.08	282	OB110.05	235
NU500.29	284	NU856.04	280	NU978.52	288	NU982.09	282	OB110.06	235
NU500.30	284	NU856.05	280	NU978.53	288	NU982.10	282	OB112.05	238
NU500.31	284	NU856.06	280	NU978.54	288	NU982.11	282	OB112.09	238
NU500.32	284	NU856.10	280	NU978.55	288	NU982.12	282	OB118.04	236
NU500.33	284	NU858.01	280	NU978.56	288	NU982.13	282	OB118.06	236
NU530.34	285	NU858.10	280	NU978.57	288	NU982.14	282	OB118.08	236

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OB118.10	236	OB139.50	236	OB280.10	239	OB354.16	243	OB490.03	248
OB118.12	236	OB154.06	237	OB280.20	239	OB354.20	243	OB490.04	248
OB118.14	236	OB154.09	237	OB280.30	239	OB356.21	243	OB490.05	248
OB119.04	236	OB154.13	237	OB280.40	239	OB358.00	243	OB491.01	248
OB119.06	236	OB154.16	237	OB282.01	239	OB358.01	243	OB491.02	248
OB119.08	236	OB154.19	237	OB282.02	239	OB358.12	243	OB491.03	248
OB119.10	236	OB154.25	237	OB282.03	239	OB359.00	243	OB491.04	248
OB119.12	236	OB154.32	237	OB282.04	239	OB359.02	243	OB492.01	248
OB119.14	236	OB155.06	237	OB282.10	239	OB359.10	243	OB493.03	248
OB123.10	236	OB155.09	237	OB300.10	242	OB395.01	244	OB495.20	249
OB123.12	236	OB155.13	237	OB300.30	242	OB395.02	244	OB497.20	249
OB123.15	236	OB155.16	237	OB304.10	242	OB395.03	244	OB498.23	249
OB123.20	236	OB155.19	237	OB304.20	242	OB395.04	244	OB510.17	249
OB123.25	236	OB155.25	237	OB304.30	242	OB395.05	244	OB513.16	249
OB124.08	236	OB155.32	237	OB304.40	242	OB395.24	243	OB516.18	249
OB124.10	236	OB156.09	237	OB305.01	242	OB400.01	244	OB517.20	249
OB124.12	236	OB156.14	237	OB305.02	242	OB400.02	244	OB525.21	249
OB124.15	236	OB156.19	237	OB305.03	242	OB400.03	244	OB527.19	249
OB124.20	236	OB156.25	237	OB305.04	242	OB400.04	244	OB537.06	249
OB124.25	236	OB157.09	237	OB305.05	242	OB400.10	244	OB539.06	249
OB125.10	236	OB157.16	237	OB305.06	242	OB400.11	244	OB539.08	249
OB125.12	236	OB157.19	237	OB306.10	242	OB400.12	244	OB539.15	249
OB125.15	236	OB157.25	237	OB306.20	242	OB400.20	244	OB539.16	249
OB125.20	236	OB160.01	238	OB306.30	242	OB400.21	244	OB541.08	250
OB125.25	236	OB160.02	238	OB306.40	242	OB400.25	244	OB541.18	250
OB127.10	236	OB160.03	238	OB308.10	242	OB400.26	244	OB541.43	250
OB127.12	236	OB160.04	238	OB308.20	242	OB400.30	244	OB541.70	250
OB127.15	236	OB162.03	237	OB308.30	242	OB401.18	244	OB543.43	250
OB127.20	236	OB162.05	237	OB308.40	242	OB402.19	244	OB545.22	250
OB127.25	236	OB162.06	237	OB312.10	242	OB404.18	245	OB545.35	250
OB131.05	238	OB162.08	237	OB312.20	242	OB405.17	245	OB547.24	250
OB131.10	238	OB162.09	237	OB312.30	242	OB406.16	245	OB549.22	250
OB131.15	238	OB170.06	237	OB312.40	242	OB407.15	245	OB559.24	249
OB131.55	238	OB170.13	237	OB313.01	242	OB408.18	245	OB561.24	249
OB131.60	238	OB170.19	237	OB313.02	242	OB409.14	245	OB563.26	250
OB131.65	238	OB170.25	237	OB313.03	242	OB411.05	245	OB565.26	250
OB132.04	239	OB170.32	237	OB313.04	242	OB411.06	245	OB567.17	251
OB132.06	239	OB172.06	237	OB313.05	242	OB411.07	245	OB571.16	251
OB132.08	239	OB172.13	237	OB320.20	242	OB412.20	245	OB573.16	251
OB132.10	239	OB172.19	237	OB333.01	242	OB413.20	245	OB630.17	251
OB132.12	239	OB172.25	237	OB333.02	242	OB414.19	245	OB631.17	251
OB133.04	239	OB172.32	237	OB333.03	242	OB416.11	245	OB633.17	251
OB133.06	239	OB173.06	237	OB333.04	242	OB417.11	245	OB643.22	251
OB133.08	239	OB173.13	237	OB334.10	243	OB418.15	245	OB645.22	251
OB133.10	239	OB173.19	237	OB334.20	243	OB419.15	245	OB650.22	251
OB133.12	239	OB173.25	237	OB334.30	243	OB421.01	245	OB651.22	251
OB134.05	239	OB173.32	237	OB335.01	243	OB421.02	245	OB660.31	251
OB134.07	239	OB176.06	237	OB335.02	243	OB421.03	245	OB662.29	251
OB134.10	239	OB176.13	237	OB335.03	243	OB421.04	245	OB664.23	251
OB134.15	239	OB176.19	237	OB335.04	243	OB423.01	246	OB674.16	252
OB134.20	239	OB176.25	237	OB335.05	243	OB423.02	246	OB676.15	252
OB134.25	239	OB176.32	237	OB335.06	243	OB423.03	246	OB676.19	252
OB134.30	239	OB177.06	237	OB336.25	243	OB423.04	246	OB676.24	252
OB135.05	239	OB177.13	237	OB337.25	243	OB423.05	246	OB678.00	253
OB135.07	239	OB177.19	237	OB339.01	242	OB423.06	246	OB678.01	253
OB135.10	239	OB177.25	237	OB339.02	242	OB423.07	246	OB679.11	253
OB135.15	239	OB177.32	237	OB339.03	242	OB425.06	246	OB680.13	252
OB135.20	239	OB181.30	248	OB339.04	242	OB425.10	246	OB682.16	252
OB135.25	239	OB183.27	248	OB339.05	242	OB425.13	246	OB683.16	252
OB135.30	239	OB197.03	239	OB339.06	242	OB425.19	246	OB704.14	252
OB136.02	236	OB197.05	239	OB339.25	243	OB425.25	246	OB710.20	252
OB136.03	236	OB197.07	239	OB340.01	243	OB426.06	246	OB711.20	252
OB136.04	236	OB197.08	239	OB340.02	243	OB426.10	246	OB713.20	252
OB136.06	236	OB197.09	239	OB340.03	243	OB426.13	246	OB715.19	253
OB136.08	236	OB198.02	239	OB340.04	243	OB426.19	246	OB716.14	253
OB136.10	236	OB198.03	239	OB340.05	243	OB426.25	246	OB716.19	253
OB136.12	236	OB198.04	239	OB340.06	243	OB427.21	246	OB717.12	252
OB136.15	236	OB198.05	239	OB342.01	243	OB434.13	246	OB718.17	253
OB136.53	236	OB198.06	239	OB342.10	243	OB436.04	246	OB721.09	253
OB136.54	236	OB198.08	239	OB342.20	243	OB436.05	246	OB721.14	253
OB136.56	236	OB198.10	239	OB342.30	243	OB436.07	246	OB722.21	254
OB136.58	236	OB199.12	239	OB344.01	242	OB436.16	246	OB724.21	254
OB136.60	236	OB199.14	239	OB344.02	242	OB438.03	246	OB726.18	254
OB136.62	236	OB199.16	239	OB344.03	242	OB438.06	246	OB727.20	254
OB136.65	236	OB200.01	240	OB344.04	242	OB439.06	246	OB729.16	254
OB138.04	236	OB200.02	240	OB344.05	242	OB439.08	246	OB729.24	254
OB138.06	236	OB200.03	240	OB344.06	242	OB441.17	247	OB730.17	254
OB138.08	236	OB204.01	240	OB345.01	242	OB443.17	247	OB730.21	254
OB138.10	236	OB204.02	240	OB345.02	242	OB445.17	247	OB731.19	254
OB138.13	236	OB204.03	240	OB345.03	242	OB447.17	247	OB732.23	254
OB138.15	236	OB208.20	240	OB345.04	242	OB448.21	247	OB734.26	254
OB138.18	236	OB214.01	240	OB345.05	242	OB450.01	247	OB746.23	255
OB138.20	236	OB214.02	240	OB345.06	242	OB450.02	247	OB746.25	255
OB138.25	236	OB215.19	240	OB347.01	242	OB450.03	247	OB746.28	255
OB138.30	236	OB216.01	240	OB347.02	242	OB450.04	247	OB747.23	255
OB138.38	236	OB218.22	241	OB347.03	242	OB450.05	247	OB747.25	255
OB138.44	236	OB220.17	240	OB347.04	242	OB461.05	247	OB747.28	255
OB138.50	236	OB221.00	240	OB347.05	242	OB461.10	247	OB750.33	255
OB139.04	236	OB224.18	240	OB347.06	242	OB461.15	247	OB752.33	255
OB139.06	236	OB236.01	241	OB348.03	243	OB461.20	247	OB755.01	255
OB139.08	236	OB242.07	241	OB348.04	243	OB461.25	247	OB755.02	255
OB139.10	236	OB242.24	241	OB348.05	243	OB479.28	248	OB755.03	255
OB139.13	236	OB260.01	241	OB350.01	242	OB481.24	248	OB762.30	255
OB139.15	236	OB260.02	241	OB350.02	242	OB482.22	248	OB777.01	256
OB139.18	236	OB280.01	239	OB350.03	242	OB484.17	248	OB777.02	256
OB139.20	236	OB280.02	239	OB351.14	243	OB485.17	248	OB799.12	256
OB139.25	236	OB280.03	239	OB352.13	243	OB486.17	248	OB801.14	256
OB139.30	236	OB280.04	239	OB352.14	243	OB487.17	248	OB803.14	256
OB139.38	236	OB280.05	239	OB352.17	243	OB490.01	248	OB805.14	256
OB139.44	236	OB280.06	239	OB354.13	243	OB490.02	248	OB807.17	256

OB810.22	259	OB960.54	258	OP209.18	234	OS160.05	386	OS223.01	393
OB811.22	259	OB960.55	264	OP223.24	233	OS160.07	386	OS223.02	393
OB815.16	256	OB960.56	264	OP223.26	233	OS160.10	386	OS223.10	393
OB816.16	256	OB960.56B	264	OP275.23	234	OS161.06	386	OS224.01	393
OB819.18	256	OB960.57	264	OP275.26	234	OS162.08	386	OS224.02	393
OB826.18	257	OB960.61	255	OP275.37	234	OS163.08	386	OS224.10	393
OB829.18	257	OB960.62	249	OP291.18	233	OS164.08	386	OS225.01	393
OB832.19	258	OB960.63	249	OP297.24	233	OS168.01	387	OS226.02	393
OB833.19	258	OB960.64	264	OP401.20	234	OS168.02	387	OS227.01	393
OB835.15	257	OB960.65	242	OP420.18	234	OS168.03	387	OS227.02	393
OB835.30	257	OB960.66	242	OP425.18	234	OS168.04	387	OS228.01	394
OB836.00	257	OB960.67	242	OP520.28	234	OS168.05	387	OS228.02	394
OB836.30	257	OB960.68	242	OP522.23	234	OS169.01	387	OS228.03	394
OB836.90	257	OB960.69	242	OP541.18	234	OS169.02	387	OS228.04	394
OB837.15	257	OB960.70	242	OP545.24	234	OS169.03	387	OS228.09	394
OB839.15	257	OB960.71	242	OP546.00	292	OS169.04	387	OS228.11	395
OB846.17	256	OB960.72	242	OP546.01	292	OS169.05	387	OS229.09	395
OB847.17	256	OB960.73	242	OP546.02	292	OS170.01	387	OS230.09	395
OB853.15	258	OB960.74	242	OP546.03	292	OS170.02	387	OS231.09	395
OB864.15	258	OB960.75	242	OP546.04	292	OS170.03	387	OS231.10	395
OB876.15	258	OB960.76	242	OP546.05	292	OS170.04	387	OS232.01	395
OB877.15	258	OB960.77	242	OP546.06	292	OS170.05	387	OS232.02	395
OB879.18	258	OB960.78	242	OP546.07	292	OS170.06	387	OS232.03	395
OB881.30	257	OB960.79	242	OP546.08	292	OS170.09	387	OS233.01	396
OB883.17	258	OB960.80	242	OP546.09	292	OS171.10	388	OS233.02	396
OB885.20	258	OB961.53	264	OP546.10	292	OS172.08	388	OS233.03	396
OB887.18	258	OB960.56A	264	OP546.11	292	OS173.10	388	OS234.09	396
OB893.23	259	OB960.81	239	OP546.12	292	OS174.10	388	OS235.09	396
OB895.22	259	OB960.82	239	OS100.01	381	OS175.10	388	OS237.07	397
OB897.23	260	OC.1000.01	266	OS100.02	381	OS176.07	388	OS238.10	397
OB899.02	259	OC.1000.02	266	OS100.03	381	OS176.10	388	OS239.09	397
OB899.03	259	OC.1000.03	270	OS100.04	381	OS177.10	389	OS240.10	397
OB899.04	259	OC.1000.04	266	OS100.05	381	OS177.11	389	OS241.10	397
OB901.23	259	OC.1000.05	266	OS100.06	381	OS177.12	389	OS242.10	397
OB909.24	259	OC.1000.06	266	OS100.07	382	OS177.13	389	OS243.10	397
OB912.23	260	OC.212.27	268	OS100.08	381	OS177.14	389	OS244.07	397
OB912.27	260	OC.219.04	268	OS100.10	381	OS178.10	389	OS245.09	397
OB913.23	260	OC.219.05	268	OS100.11	381	OS178.11	389	OS246.09	397
OB913.27	260	OC.219.39	268	OS100.12	381	OS178.12	389	OS247.01	398
OB916.30	260	OC.222.21	268	OS101.01	381	OS178.13	389	OS247.02	398
OB918.30	260	OC.222.23	268	OS101.02	381	OS178.14	389	OS247.03	398
OB930.19	261	OC.222.43	268	OS101.03	381	OS179.10	389	OS247.04	398
OB934.14	261	OC.222.44	268	OS101.04	382	OS179.11	389	OS247.05	398
OB934.17	261	OC.228.05	268	OS101.05	382	OS179.12	389	OS249.10	398
OB934.19	261	OC.229.04	268	OS101.07	382	OS179.13	389	OS250.01	398
OB934.22	261	OC.229.05	268	OS102.01	383	OS179.14	389	OS250.02	398
OB935.14	261	OC.229.20	267	OS102.02	383	OS180.10	389	OS250.03	398
OB935.17	261	OC.229.22	267	OS102.03	383	OS180.11	389	OS250.10	398
OB935.19	261	OC.229.30	267	OS102.04	383	OS180.12	389	OS252.10	399
OB935.22	261	OC.238.05	268	OS102.05	383	OS180.13	389	OS253.10	399
OB939.17	261	OC.368.21	271	OS102.06	383	OS180.14	389	OS254.10	399
OB941.15	261	OC.369.21	271	OS102.07	383	OS181.10	389	OS255.10	399
OB944.15	261	OC.369.25	271	OS102.08	383	OS181.11	389	OS256.10	399
OB946.15	261	OC.372.17	271	OS102.09	383	OS181.12	389	OS257.10	399
OB947.16	261	OC.372.25	271	OS102.10	383	OS181.13	389	OS258.11	400
OB950.18	261	OC.378.25	271	OS105.03	381	OS181.14	389	OS259.11	400
OB951.18	261	OC.380.25	271	OS105.04A	381	OS182.10	389	OS260.11	400
OB952.27	262	OC.500.20	265	OS106.04A	381	OS182.11	389	OS261.11	400
OB954.27	262	OC.505.17	265	OS108.03	383	OS182.12	389	OS262.09	400
OB955.23	262	OC.507.18	265	OS110.01	384	OS182.13	389	OS263.09	400
OB955.27	262	OC.511.01	265	OS110.02	384	OS182.14	389	OS263.10	400
OB957.27	262	OC.518.16	265	OS111.01	384	OS183.10	389	OS264.07	401
OB959.24	262	OC.522.16	265	OS111.02	384	OS184.10	389	OS265.11	401
OB960.13	235	OC.523.22	265	OS111.04	383	OS185.10	389	OS266.11	401
OB960.14	235	OC.526.18	265	OS112.01	384	OS186.10	389	OS267.10	401
OB960.17	238	OC.528.55	267	OS112.04	383	OS187.10	389	OS268.05	401
OB960.18	238	OC.562.14	270	OS115.05	384	OS188.10	389	OS268.10	401
OB960.19	238	OC.562.16	270	OS115.07	384	OS189.10	389	OS269.05	401
OB960.20	238	OC.562.18	270	OS116.05	384	OS190.11	389	OS269.10	401
OB960.21	240	OC.562.20	270	OS116.07	384	OS191.11	389	OS270.11	401
OB960.22	240	OC.565.15	270	OS120.03	382	OS192.09	390	OS271.12	401
OB960.23	263	OC.565.16	270	OS120.04	382	OS193.09	390	OS300.08	402
OB960.24	263	OC.565.21	270	OS120.05	382	OS194.10	390	OS301.08	402
OB960.25	263	OC.581.01	269	OS120.06	382	OS195.10	390	OS302.08	402
OB960.26	263	OC.581.02	269	OS124.05	382	OS196.11	390	OS303.08	402
OB960.27	263	OC.581.03	269	OS124.06	382	OS197.11	390	OS304.08	402
OB960.28	253	OC.581.04	269	OS124.08	382	OS198.01	390	OS305.08	402
OB960.29	255	OC.585.01	269	OS125.05	382	OS199.01	390	OS306.08	402
OB960.30	255	OC.585.02	269	OS125.06	382	OS200.11	390	OS307.08	402
OB960.31	255	OC.586.18	269	OS128.08	383	OS201.07	391	OS308.10	403
OB960.32	251	OC.587.20	269	OS128.09	383	OS202.07	391	OS309.10	403
OB960.33	251	OC.589.18	269	OS128.10	383	OS203.07	391	OS310.10	403
OB960.34	251	OC.589.27	269	OS150.07	385	OS204.07	391	OS311.10	403
OB960.35	251	OC.603.06	269	OS151.07	385	OS205.01	391	OS312.10	403
OB960.37	251	OC.606.00	270	OS151.10	385	OS206.02	391	OS313.10	403
OB960.38	251	OC.611.01	270	OS152.10	385	OS207.07	391	OS314.10	403
OB960.39	251	OC.620.05	270	OS153.08	385	OS208.07	391	OS315.10	403
OB960.41	264	OC.620.99	270	OS153.10	385	OS209.07	391	OS316.10	403
OB960.42	264	OC.960.58	272	OS154.08	385	OS211.07	391	OS317.10	404
OB960.43	240	OC.960.59	272	OS155.08	385	OS212.07	392	OS318.10	404
OB960.44	241	OC.960.60	272	OS156.08	385	OS213.07	392	OS319.10	404
OB960.45	241	OI.124.16	267	OS157.05	386	OS214.07	392	OS320.11	404
OB960.46	241	OP155.23	233	OS157.07	386	OS215.07	392	OS321.10	404
OB960.47	241	OP160.14	233	OS157.10	386	OS216.07	392	OS322.10	404
OB960.48	236	OP165.14	233	OS158.05	386	OS217.09	392	OS323.14	404
OB960.49	236	OP165.18	233	OS158.07	386	OS218.10	392	OS323.18	404
OB960.50	236	OP165.20	233	OS158.10	386	OS219.10	392	OS324.14	404
OB960.51	236	OP195.23	233	OS159.05	386	OS220.10	392	OS324.18	404
OB960.52	236	OP205.20	233	OS159.07	386	OS221.06	392	OS325.10	405
OB960.53	264	OP209.15	234	OS159.10	386	OS222.06	392	OS326.10	405

OS327.10	405	OS380.01	411	OS451.13	418	OS508.18	425	OS538.14	429
OS328.10	405	OS380.02	411	OS452.13	418	OS508.20	425	OS538.15	429
OS329.10	405	OS380.03	411	OS453.11	418	OS509.01	425	OS539.00	429
OS330.10	405	OS380.04	411	OS453.12	418	OS509.02	425	OS539.01	429
OS331.11	405	OS385.12	411	OS453.14	418	OS510.16	425	OS539.02	429
OS332.11	405	OS386.13	411	OS453.16	418	OS511.16	425	OS550.01	430
OS333.11	405	OS387.12	411	OS453.18	418	OS512.13	425	OS550.02	430
OS334.01	406	OS388.01	411	OS454.14	419	OS513.01	425	OS550.03	430
OS334.02	406	OS388.02	411	OS455.14	419	OS513.02	425	OS550.04	430
OS334.03	406	OS388.03	411	OS456.14	419	OS513.03	425	OS550.05	430
OS335.12	406	OS389.12	411	OS457.14	419	OS514.12	426	OS550.06	430
OS336.01	406	OS390.12	412	OS458.12	419	OS515.01	426	OS550.07	430
OS336.02	406	OS391.12	412	OS459.01	419	OS515.02	426	OS550.08	430
OS336.03	406	OS392.12	412	OS459.02	419	OS515.05	426	OS550.09	430
OS337.05	406	OS393.12	412	OS459.03	419	OS515.10	426	OS550.10	430
OS338.08	406	OS394.12	412	OS460.13	419	OS517.01	426	OS560.10	430
OS339.09	406	OS395.12	412	OS461.14	419	OS518.02	426	OS560.11	430
OS340.09	406	OS396.12	412	OS462.12	419	OS519.01	426	OS570.01	431
OS341.09	406	OS397.12	412	OS463.01	419	OS519.02	426	OS570.02	431
OS342.09	406	OS398.12	412	OS463.02	419	OS519.03	426	OS570.03	431
OS343.09	406	OS399.12	412	OS463.03	419	OS519.04	426	OS570.04	431
OS350.01	407	OS400.12	412	OS464.13	419	OS519.11	426	OS570.05	431
OS350.02	407	OS401.12	412	OS465.13	419	OS519.22	426	OS570.06	431
OS350.03	407	OS402.12	412	OS466.13	419	OS519.33	426	SR209.00	450
OS350.04	407	OS403.12	412	OS467.13	419	OS519.44	426	SR209.03	450
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OS350.06	407	OS405.13	412	OS469.14	419	OS519.66	426	SR209.08	450
OS351.01	407	OS406.12	412	OS470.06	420	OS519.77	426	SR209.10	450
OS351.02	407	OS407.12	412	OS470.10	420	OS519.88	426	SR209.12	450
OS351.03	407	OS408.12	413	OS470.12	420	OS520.01	426	SR209.15	450
OS351.04	407	OS409.13	413	OS471.14	420	OS520.02	426	SR209.17	450
OS351.05	407	OS410.13	413	OS472.14	420	OS520.03	426	SR209.18	450
OS351.06	407	OS411.11	413	OS473.14	420	OS520.04	426	SR209.26	450
OS352.01	407	OS412.12	413	OS474.01	420	OS520.12	426	SR209.27	450
OS352.02	407	OS413.12	413	OS475.10	420	OS520.23	426	SR209.28	450
OS352.03	407	OS414.12	413	OS475.15	420	OS520.34	426	SR209.29	450
OS352.04	407	OS415.12	413	OS477.08	420	OS520.45	426	SR209.30	451
OS352.05	407	OS416.12	413	OS477.10	420	OS520.56	426	SR209.31	451
OS352.06	407	OS417.13	413	OS477.12	420	OS520.67	426	SR209.32	451
OS353.01	407	OS418.12	413	OS477.14	420	OS520.78	426	SR209.33	451
OS353.02	407	OS419.13	413	OS477.16	420	OS521.01	426	SR209.35	451
OS353.03	407	OS420.19	413	OS477.18	420	OS521.02	426	SR209.36	451
OS353.04	407	OS421.13	413	OS478.08	420	OS521.03	426	SR209.37	451
OS354.13	407	OS422.13	413	OS478.10	420	OS521.04	426	SR209.40	451
OS355.13	407	OS423.01	414	OS478.12	420	OS521.12	426	SR209.41	451
OS356.01	408	OS423.02	414	OS478.14	420	OS521.23	426	SR209.42	451
OS356.02	408	OS423.03	414	OS478.16	420	OS521.34	426	SR209.45	452
OS356.03	408	OS423.04	414	OS478.18	420	OS521.45	426	SR209.47	452
OS356.04	408	OS423.05	414	OS479.20	421	OS521.56	426	SR209.48	452
OS357.01	408	OS423.06	414	OS479.21	421	OS521.67	426	SR209.50	452
OS357.02	408	OS423.07	414	OS480.05	421	OS521.78	426	SR209.51	452
OS357.03	408	OS423.08	414	OS480.10	421	OS522.13	427	SR209.55	452
OS357.04	408	OS423.13	413	OS480.15	421	OS523.13	427	SR209.56	452
OS358.01	408	OS424.01	415	OS480.18	421	OS524.01	427	SR209.57	452
OS358.02	408	OS424.02	415	OS480.20	421	OS524.02	427	SR209.58	452
OS358.03	408	OS424.03	415	OS480.25	421	OS524.03	427	SR209.59	452
OS358.04	408	OS424.04	415	OS480.35	421	OS525.13	427	SR209.60	452
OS359.01	408	OS424.05	415	OS480.40	421	OS526.10	427	SR209.62	454
OS359.02	408	OS424.06	415	OS480.45	421	OS527.10	427	SR209.64	454
OS359.03	408	OS424.07	415	OS481.10	421	OS528.10	427	SR209.70	454
OS359.04	408	OS424.09	415	OS481.20	421	OS529.10	427	SR209.71	454
OS360.01	408	OS424.10	416	OS481.25	421	OS530.10	427	SR209.72	454
OS360.02	408	OS424.11	415	OS481.30	421	OS531.10	427	SR209.75	453
OS360.03	408	OS424.12	415	OS481.35	421	OS532.10	427	SR209.76	453
OS360.04	408	OS424.13	415	OS482.01	422	OS533.10	427	SR209.77	453
OS361.01	409	OS424.14	416	OS482.02	422	OS534.01	428	SR209.80	453
OS361.02	409	OS424.15	415	OS482.03	422	OS534.02	428	SR209.81	453
OS361.03	409	OS424.16	415	OS482.04	422	OS535.01	428	SR209.85	452
OS361.04	409	OS424.17	415	OS482.05	422	OS535.02	428	SR209.86	452
OS362.13	409	OS426.12	416	OS483.13	422	OS535.14	428	SR209.90	452
OS363.13	409	OS427.12	416	OS484.13	422	OS536.01	429	SR209.91	452
OS364.13	409	OS428.01	416	OS485.09	423	OS536.02	429	SR209.92	452
OS365.13	409	OS428.02	416	OS486.09	423	OS536.03	429	SR209.95	452
OS366.01	409	OS429.12	416	OS487.13	423	OS536.04	429	SR300.01	457
OS366.02	409	OS430.13	416	OS489.13	423	OS536.05	429	SR300.02	457
OS366.03	409	OS431.13	416	OS489.14	423	OS536.06	429	SR300.03	457
OS367.12	410	OS432.13	416	OS490.13	423	OS537.01	429	SR300.04	457
OS368.13	410	OS433.13	416	OS490.14	423	OS537.02	429	SR300.05	457
OS369.01	410	OS434.13	416	OS491.13	423	OS537.03	429	SR300.06	457
OS369.02	410	OS435.13	416	OS492.13	423	OS537.04	429	SR300.10	457
OS369.03	410	OS436.01	416	OS493.13	423	OS537.05	429	SR300.11	457
OS370.04	410	OS436.02	416	OS494.13	423	OS537.06	429	SR300.12	457
OS370.05	410	OS437.01	416	OS495.01	423	OS537.07	429	SR300.20	457
OS370.06	410	OS437.02	416	OS496.01	423	OS537.08	429	SR300.21	457
OS370.07	410	OS438.12	416	OS497.01	423	OS537.09	429	SR300.22	457
OS370.08	410	OS439.12	416	OS497.02	423	OS537.10	429	SR300.23	457
OS371.01	410	OS440.13	416	OS498.12	423	OS537.11	429	SR300.24	457
OS371.02	410	OS441.12	417	OS499.05	424	OS538.01	429	SR300.30	457
OS372.01	410	OS442.13	417	OS499.07	424	OS538.02	429	SR300.31	457
OS372.02	410	OS443.12	417	OS499.10	424	OS538.03	429	SR300.32	457
OS372.03	410	OS444.13	417	OS500.12	424	OS538.04	429	SR301.01	457
OS373.04	410	OS445.12	417	OS501.12	424	OS538.05	429	SR301.02	457
OS373.06	410	OS446.12	417	OS502.13	424	OS538.06	429	SR301.03	457
OS373.07	410	OS447.12	417	OS503.12	424	OS538.07	429	SR302.01	457
OS374.13	411	OS448.01	417	OS504.12	424	OS538.08	429	SR302.02	457
OS375.11	411	OS448.02	417	OS505.01	424	OS538.09	429	SR302.03	457
OS376.11	411	OS449.02	417	OS505.02	424	OS538.10	429	SR302.04	457
OS377.12	411	OS449.03	417	OS506.01	424	OS538.11	429	SR303.01	458
OS378.12	411	OS449.04	417	OS506.02	424	OS538.12	429	SR303.02	458
OS379.13	411	OS450.13	418	OS507.12	424	OS538.13	429	SR303.03	458

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