



Ladies and gentlemen!

We present to you the catalog of the TITAN MEDICAL company, the leader in market in the production of instruments for ophthalmic surgery.

OUR MISSION

Due to our commitment to excellence, we create high-quality instruments that allow us to preserve the greatest Gift - the Gift of vision!

Introduction of advanced technologies and an innovative approach allows us to be ahead by creating unique products.

The product range of TITAN MEDICAL includes more than 1200 items.

It is the result of dedication and strong wish to make The work of ophthalmic surgeons better with the help of high-quality instruments.

Our team consists of professionals who actively cooperate with doctors. That's why creating exclusive solutions becomes possible.

TITAN MEDICAL is proud and values its reputation in ophthalmology, which is confirmed by leading microsurgeons from around the world and international certificates.

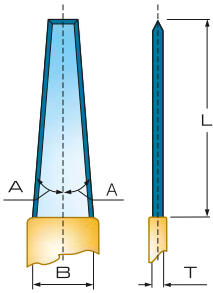
Quality assurance, wide range of products, optimal delivery terms and high level of service make cooperation with TITAN MEDICAL comfortable for our customers!

MADE IN TITAN MEDICAL





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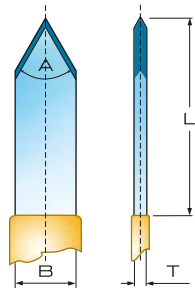
Tri-facet

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,8 mm	0,18 mm	10°	5,0 mm	TDK 401
2,2 mm	0,18 mm	10°	5,0 mm	TDK 402



*Blade width from 1.0 to 2.5 mm

Double lancet with blunt sides

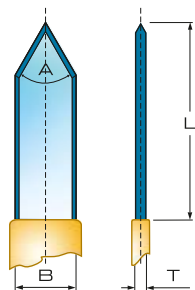


(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,21 mm	60°	5,0 mm	TDK 420
1,8 mm	0,21 mm	60°	5,0 mm	TDK 403
2,2 mm	0,21 mm	60°	5,0 mm	TDK 404
2,5 mm	0,21 mm	60°	5,0 mm	TDK 421
2,75 mm	0,21 mm	60°	5,0 mm	TDK 405
1,8 mm	0,21 mm	90°	5,0 mm	TDK 406
2,2 mm	0,21 mm	90°	5,0 mm	TDK 407
2,5 mm	0,21 mm	90°	5,0 mm	TDK 422
2,75 mm	0,21 mm	90°	5,0 mm	TDK 408

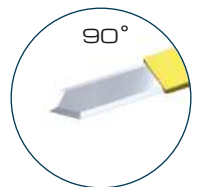


*Blade width from 0.8 to 3.5 mm

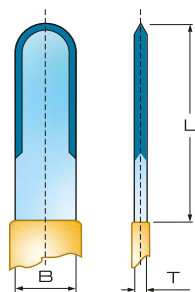
Double lancet with sharp sides



(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,21 mm	60°	5,0 mm	TDK 423
1,8 mm	0,21 mm	60°	5,0 mm	TDK 409
2,2 mm	0,21 mm	60°	5,0 mm	TDK 410
2,5 mm	0,21 mm	60°	5,0 mm	TDK 424
2,75 mm	0,21 mm	60°	5,0 mm	TDK 411
1,8 mm	0,21 mm	90°	5,0 mm	TDK 412
2,2 mm	0,21 mm	90°	5,0 mm	TDK 413
2,5 mm	0,21 mm	90°	5,0 mm	TDK 425
2,75 mm	0,21 mm	90°	5,0 mm	TDK 414

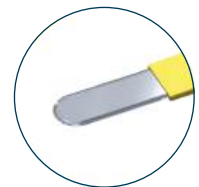


*Blade width from 0.8 to 3.5 mm

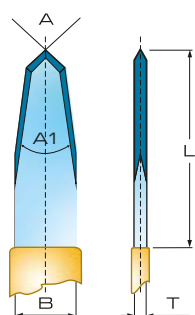


Tunnel diamond knives with sharp sides

(B) width*	(T) thickness	(L) length	CODE
1,0 mm	0,18 mm	5,0 mm	TDK 415
2,0 mm	0,18 mm	5,0 mm	TDK 416



*Blade width from 1.0 to 3.0 mm



Tri-facet

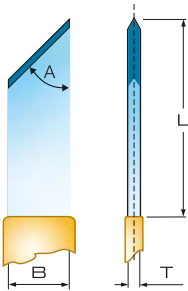
(B) width*	(T) thickness	(A) angle	(A1) angle	(L) length	CODE
1,8 mm	0,21 mm	90°	60°	5,0 mm	TDK 417
2,2 mm	0,21 mm	90°	60°	5,0 mm	TDK 418
2,5 mm	0,21 mm	90°	60°	5,0 mm	TDK 426
2,75 mm	0,21 mm	90°	60°	5,0 mm	TDK 419



*Blade width from 1.0 to 3.5 mm

Diamond knives

STANDARD KNIVES

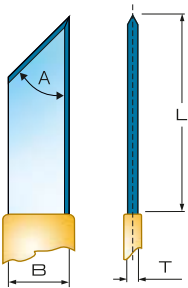


Single edge

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	4,0 mm	TDK 501
1,0 mm	0,18 mm	45°	4,0 mm	TDK 503



*Blade width from 1.0 to 2.0 mm

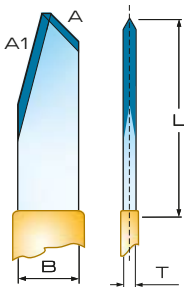


Double edge

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	4,0 mm	TDK 507
1,0 mm	0,18 mm	45°	4,0 mm	TDK 509



*Blade width from 1.0 to 2.0 mm

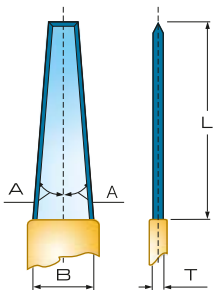


Tri-facet

(B) width*	(T) thickness	(A1) angle	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	45°	4,0 mm	TDK 513



*Blade width from 1.0 to 2.5 mm

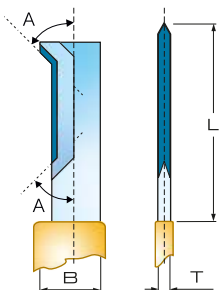


Tri-facet

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	10°	4,0 mm	TDK 515



*Blade width from 1.0 to 2.5 mm

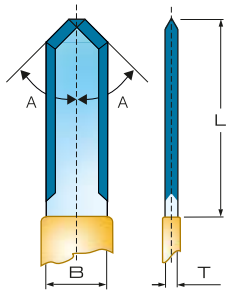


Universal knife

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	45°	4,0 mm	TDK 517



*Blade width from 1.0 to 2.5 mm

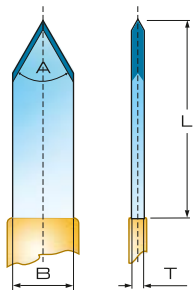


Tri-facet

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	45°	4,0 mm	TDK 519

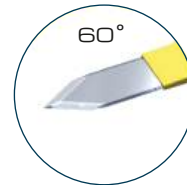


*Blade width from 1.0 to 2.5 mm

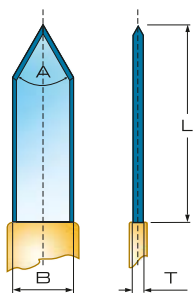


Double lancet with blunt sides

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,21 mm	60°	5,0 mm	TDK 521
1,0 mm	0,21 mm	90°	5,0 mm	TDK 523

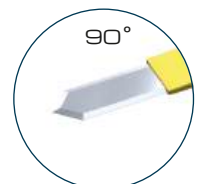


*Blade width from 0.8 to 3.5 mm

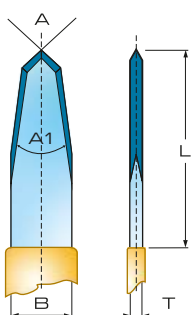


Double lancet with sharp sides

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,21 mm	60°	5,0 mm	TDK 525
1,0 mm	0,21 mm	90°	5,0 mm	TDK 527



*Blade width from 0.8 to 3.5 mm



Tri-facet

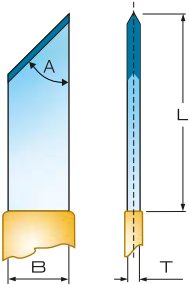
(B) width*	(T) thickness	(A) angle	(A1) angle	(L) length	CODE
1,0 mm	0,21 mm	90°	60°	5,0 mm	TDK 529



*Blade width from 0.8 to 3.5 mm

Diamond knives

MICROMETR KNIVES

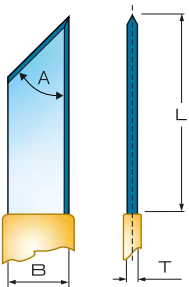


Single edge

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	4,0 mm	TDK 601
1,0 mm	0,18 mm	45°	4,0 mm	TDK 602



*Blade width from 1.0 to 2.0 mm

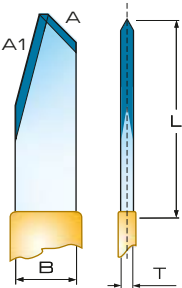


Double edge

(B) width*	(T) thickness	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	4,0 mm	TDK 604
1,0 mm	0,18 mm	45°	4,0 mm	TDK 605



*Blade width from 1.0 to 2.0 mm

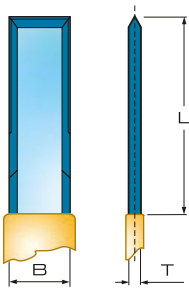


Tri-facet

(B) width*	(T) thickness	(A1) angle	(A) angle	(L) length	CODE
1,0 mm	0,18 mm	30°	45°	4,0 mm	TDK 607

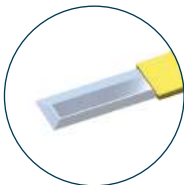


*Blade width from 1.0 to 2.5 mm



Tri-facet

(B) width	(T) thickness	(L) length	CODE
1,0 mm	0,18 mm	4,0 mm	TDK 608



*Blade width from 1.0 to 2.0 mm

CAPSULORHEXIS CROSS - ACTION FORCEPS

Flat handle

Round handle



Working part

Steel

Titanium

Curved

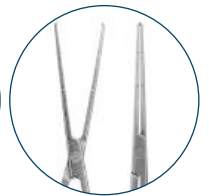
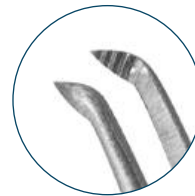
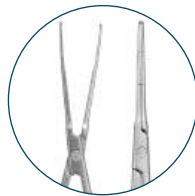
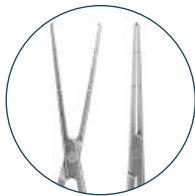
Angled



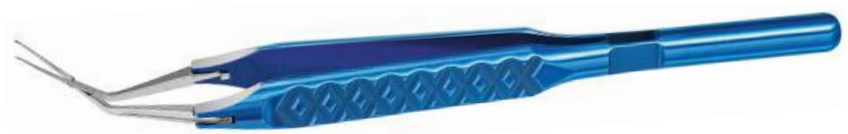
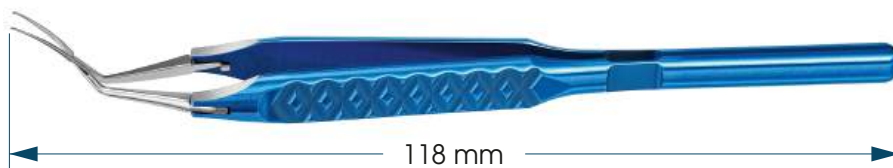
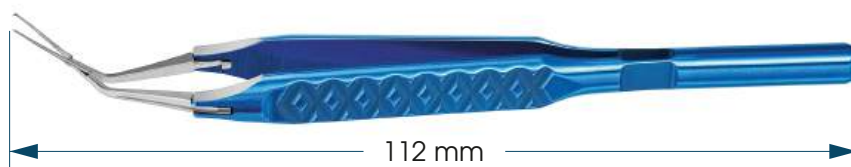
Reinforced

Delicate

Serrated



Overall length



Working part: notches at a distance of 2.75 and 5.5 mm to control the size of capsulorhexis

CAPSULORHEXIS CROSS - ACTION FORCEPS

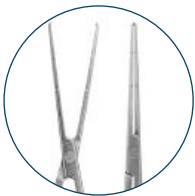


Curved, steel



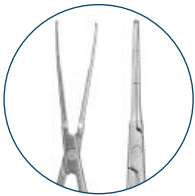
Angled, titanium

Flat handle



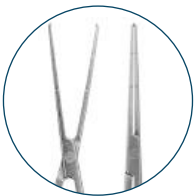
R
E
I
N
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O
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C
E
D

Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 180
		titan	TMF 182
	angled	steel / titan	TMF 181
		titan	TMF 183
118 mm	curved	steel / titan	TMF 160
		titan	TMF 162
	angled	steel / titan	TMF 161
		titan	TMF 163



D
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Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 184
		titan	TMF 186
	angled	steel / titan	TMF 185
		titan	TMF 187
118 mm	curved	steel / titan	TMF 164
		titan	TMF 166
	angled	steel / titan	TMF 165
		titan	TMF 167



S
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R
R
A
T
E
D

Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 288
		titan	TMF 188
	angled	steel / titan	TMF 289
		titan	TMF 189
118 mm	curved	steel / titan	TMF 268
		titan	TMF 168
	angled	steel / titan	TMF 269
		titan	TMF 169

CAPSULORHEXIS CROSS - ACTION FORCEPS

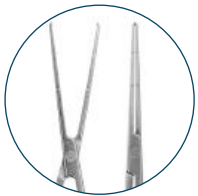


Angled, steel



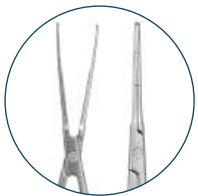
Curved, titanium

Round handle



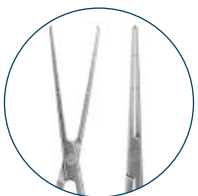
R
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D

Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 1802
		titan	TMF 1822
	angled	steel / titan	TMF 1812
		titan	TMF 1832
118 mm	curved	steel / titan	TMF 1602
		titan	TMF 1622
	angled	steel / titan	TMF 1612
		titan	TMF 1632



D
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Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 1842
		titan	TMF 1862
	angled	steel / titan	TMF 1852
		titan	TMF 1872
118 mm	curved	steel / titan	TMF 1642
		titan	TMF 1662
	angled	steel / titan	TMF 1652
		titan	TMF 1672

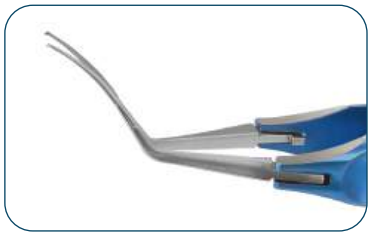


S
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D

Length	Tips	Material	Code
112 mm	curved	steel / titan	TMF 2882
		titan	TMF 1882
	angled	steel / titan	TMF 2892
		titan	TMF 1892
118 mm	curved	steel / titan	TMF 2682
		titan	TMF 1682
	angled	steel / titan	TMF 2692
		titan	TMF 1692

CAPSULORHEXIS CROSS - ACTION FORCEPS

CURVED



R
E
I
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F
O
R
C
E
D

Length	Code
112 mm	TMF 1028
118 mm	TMF 1026

Length	Code
112 mm	TMF 1038
118 mm	TMF 1036

Working part: curved, reinforced,
length 11 mm, stainless steel,
notches at a distance of 2.75 and 5.5 mm
to control the size of capsulorhexis
Handle: flat, stainless, 8 mm wide

ANGLED



R
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D

Length	Code
112 mm	TMF 1058
118 mm	TMF 1056

Length	Code
112 mm	TMF 1068
118 mm	TMF 1066

Working part: angled, reinforced,
length 11 mm, stainless steel,
notches at a distance of 2.75 and 5.5 mm
to control the size of capsulorhexis
Handle: flat, stainless, 8 mm wide

UTRATA CAPSULORHEXIS FORCEPS

TMF 111



TMF 112



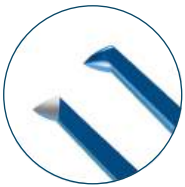
TMF 113



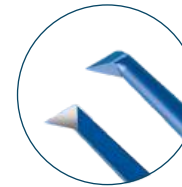
Overall length: 102 mm, 4.0 inches
Working part: length 11 mm,
curved
Handle: flat, titanium, 10 mm wide

UTRATA CAPSULORHEXIS FORCEPS

TMF 114



TMF 115



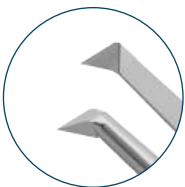
TMF 116



Overall length: 102 mm, 4.0 inches
Working part: length 11 mm,
angled
Handle: flat, titanium, 10 mm wide

UTRATA CAPSULORHEXIS FORCEPS

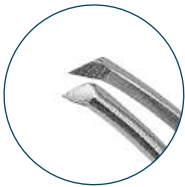
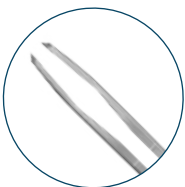
TMF 117



Overall length: 102 mm, 4.0 inches
Working part: length 11 mm,
curved
Handle: flat, stainless, 10 mm wide

CAPSULORHEXIS FORCEPS

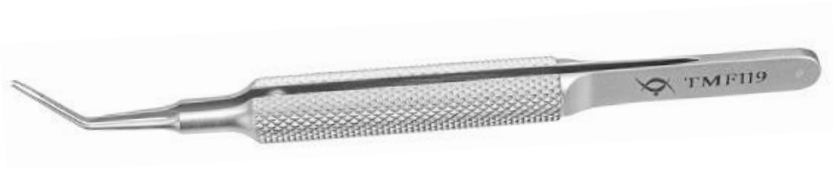
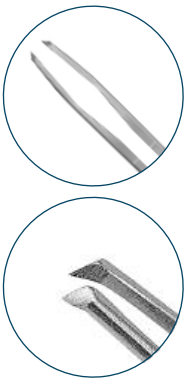
TMF 118



Overall length: 102 mm, 4.0 inches
Working part: length 12.6 mm,
curved
Handle: flat, stainless, 10 mm wide

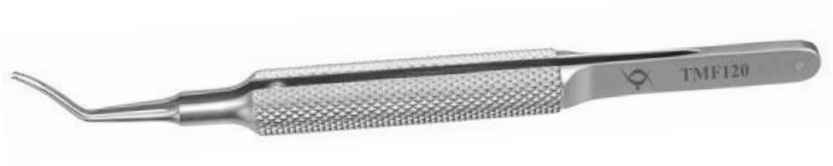
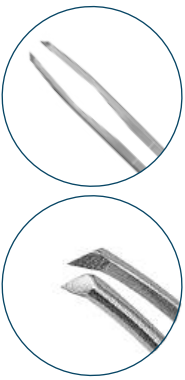


CAPSULORHEXIS FORCEPS
TMF 119



Overall length: 107 mm, 4.2 inches
Working part: length 12.6 mm,
angled
Handle: round, stainless, Ø7.5 mm

CAPSULORHEXIS FORCEPS
TMF 120



Overall length: 107 mm, 4.2 inches
Working part: length 12.6 mm,
curved
Handle: round, stainless, Ø7.5 mm

UTRATA CAPSULORHEXIS FORCEPS

TMF 121

TMF 122

TMF 123



Overall length: 105 mm, 4.1 inches
Working part: length 12.6 mm,
angled
Handle: round, titanium, Ø7.5 mm

UTRATA CAPSULORHEXIS FORCEPS

TMF 124

TMF 125

TMF 126



Overall length: 105 mm, 4.1 inches
Working part: length 12.6 mm,
curved
Handle: round, titanium, Ø7.5 mm

CAPSULORHEXIS FORCEPS

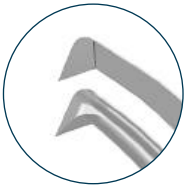
TMF 127



Overall length: 82 mm, 3.2 inches
Working part: length 13.7 mm,
angled
Handle: flat, stainless, 7.6 mm wide

CAPSULORHEXIS FORCEPS

TMF 128



Overall length: 82 mm, 3.2 inches
Working part: length 13.7 mm,
curved
Handle: flat, stainless, 7.6 mm wide

CAPSULORHEXIS FORCEPS

TMF 129



Overall length: 82 mm, 3.2 inches
Working part: length 13.7 mm,
angled
Handle: flat, titanium, 7.6 mm wide

CAPSULORHEXIS FORCEPS

TMF 130



Overall length: 82 mm, 3.2 inches
Working part: length 13.7 mm,
curved
Handle: flat, titanium, 7.6 mm wide

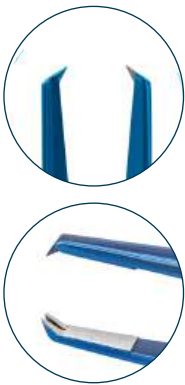
ANTERIOR CHAMBER FORCEPS

TMF 131



Overall length: 72 mm, 2.8 inches
Working part: length 9 mm,
angled
Platforms: 1.7 mm length
Handle: flat, titanium, 6.5 mm wide

CORNEAL FORCEPS COLIBRI TYPE



Tooth height	Platforms	Code
0.1 MM	3 MM	TMF 201
0.12 MM	3 MM	TMF 203
0.2 MM	4 MM	TMF 205
0.3 MM	5 MM	TMF 227
0.4 MM	5 MM	TMF 207



Overall length: 75 mm, 2.9 inches
Teeth: 1 x 2
Handle: flat, titanium, 9 mm wide

CORNEAL FORCEPS COLIBRI TYPE

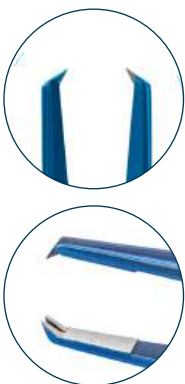


Tooth height	Platforms	Code
0.1 MM	3 MM	TMF 202
0.12 MM	3 MM	TMF 204
0.2 MM	4 MM	TMF 206
0.3 MM	5 MM	TMF 228
0.4 MM	5 MM	TMF 208



Overall length: 75 mm, 2.9 inches
Teeth: 1 x 2
Handle: flat, titanium, 9 mm wide

CORNEAL FORCEPS COLIBRI TYPE



Tooth height	Code
0.1 MM	TMF 211
0.12 MM	TMF 213



Overall length: 100 mm, 3.9 inches
Teeth: 1 x 2
Handle: round, titanium, Ø8 mm

CORNEAL FORCEPS COLIBRI TYPE

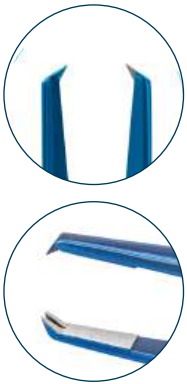


Tooth height	Code
0.1 MM	TMF 212
0.12 MM	TMF 214



Overall length: 100 mm, 3.9 inches
Teeth: 1 x 2
Handle: round, titanium, Ø8 mm

CORNEAL FORCEPS COLIBRI TYPE



Tooth height	Code
0.12 mm	TMF 216
0.2 mm	TMF 218
0.4 mm	TMF 220



Overall length: 106 mm, 4.2 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

CORNEAL FORCEPS COLIBRI TYPE

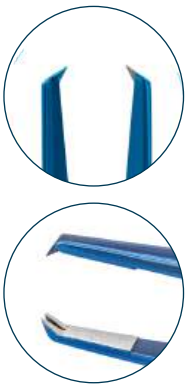


Tooth height	Code
0.12 mm	TMF 217
0.2 mm	TMF 219
0.4 mm	TMF 221



Overall length: 106 mm, 4.2 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

CORNEAL FORCEPS

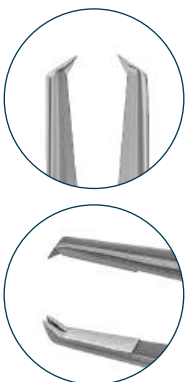


Tooth height	Code
0.1 mm	TMF 224
0.12 mm	TMF 223
0.2 mm	TMF 222



Overall length: 75 mm, 2.9 inches
Teeth: 1 x 2
Platforms: 4 mm long
Handle: flat, titanium, 9 mm wide

CORNEAL FORCEPS COLIBRI TYPE

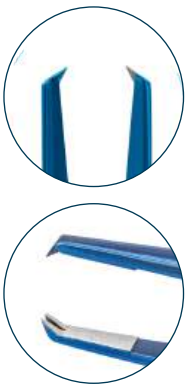


Tooth height	Code
0.15 mm	TMF 231
0.3 mm	TMF 232



Overall length: 75 mm, 2.9 inches
Teeth: 1 x 2
Platforms: 4 mm long
Handle: flat, stainless, 9 mm wide

PAUFIQUE TYING SCLERAL FORCEPS



Tooth height	Tips wide	Code
0.3 mm	0.5 mm	TMF 301
0.5 mm	0.7 mm	TMF 303
0.8 mm	1.2 mm	TMF 305



Overall length: 85 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

PAUFIQUE TYING SCLERAL FORCEPS

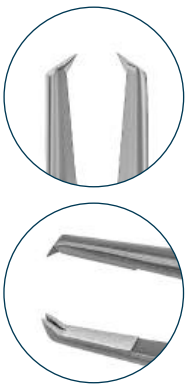


Tooth height	Tips wide	Code
0.3 mm	0.5 mm	TMF 302
0.5 mm	0.7 mm	TMF 304
0.8 mm	1.2 mm	TMF 306



Overall length: 85 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

PAUFIQUE TYING SCLERAL FORCEPS

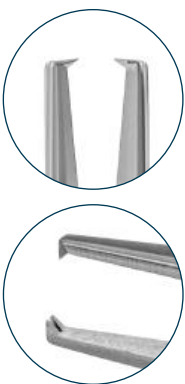


Tooth height	Tips wide	Code
0.3 mm	0.5 mm	TMF 341
0.5 mm	0.7 mm	TMF 343



Overall length: 85 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, stainless, 10 mm wide

PAUFIQUE TYING SCLERAL FORCEPS

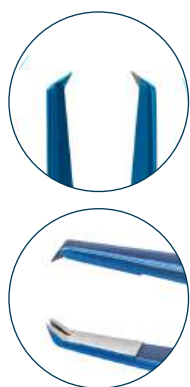


Tooth height	Tips wide	Code
0.3 mm	0.5 mm	TMF 342
0.5 mm	0.7 mm	TMF 344



Overall length: 85 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Handle: flat, stainless, 10 mm wide

CASTROVIEJO TYING FORCEPS

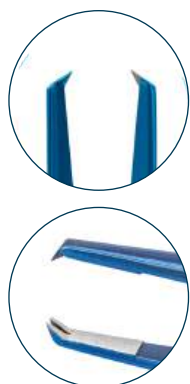


Высота зубьев Tooth height	Ширина кончика Tips wide	Код Code
0.1 мм	0.3 мм	TMF 401
0.2 мм	0.4 мм	TMF 402



Overall length: 87 mm, 3.5 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: straight
Handle: flat, titanium, 7.6 mm wide

CASTROVIEJO TYING FORCEPS

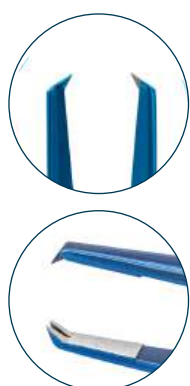


Высота зубьев Tooth height	Ширина кончика Tips wide	Код Code
0.1 мм	0.3 мм	TMF 403
0.2 мм	0.4 мм	TMF 404



Overall length: 84 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: angled
Handle: flat, titanium, 7.6 mm wide

CASTROVIEJO TYING FORCEPS



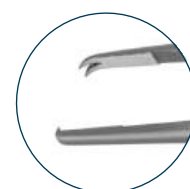
Высота зубьев Tooth height	Ширина кончика Tips wide	Код Code
0.1 мм	0.3 мм	TMF 405
0.2 мм	0.4 мм	TMF 406



Overall length: 86 mm, 3.3 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: curved
Handle: flat, titanium, 7.6 mm wide

CASTROVIEJO TYING FORCEPS

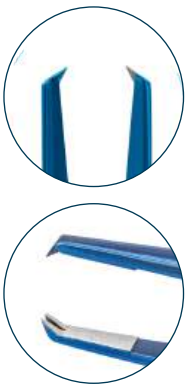
TMF 407.1



Overall length: 100 mm, 3.9 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Platforms: 6 mm long
Working part: straight
Handle: flat, stainless, 7 mm wide



CASTROVIEJO TYING FORCEPS
TMF 407



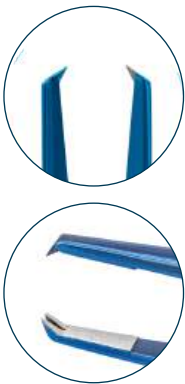
Overall length: 100 mm, 3.9 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Platforms: 6 mm long
Working part: straight
Handle: flat, titanium, 7 mm wide

CASTROVIEJO TYING FORCEPS
TMF 408



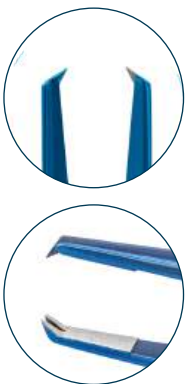
Overall length: 100 mm, 3.9 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Platforms: 6 mm long
Working part: straight
Handle: flat, titanium, 7 mm wide

CASTROVIEJO TYING FORCEPS
TMF 409



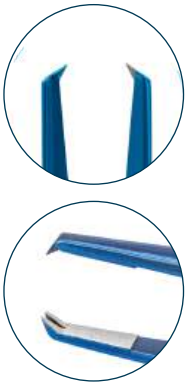
Overall length: 100 mm, 3.9 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Platforms: 6 mm long
Working part: angled
Handle: flat, titanium, 7 mm wide

CASTROVIEJO TYING FORCEPS
TMF 410



Overall length: 100 mm, 3.9 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Platforms: 6 mm long
Working part: curved
Handle: flat, titanium, 7 mm wide

CASTROVIEJO TYING FORCEPS



Tooth height	Tips wide	Code
0.12 MM	0.3 MM	TMF 411
0.3 MM	0.5 MM	TMF 413
0.5 MM	0.7 MM	TMF 415



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: straight
Handle: flat, titanium, 10 mm wide

CASTROVIEJO TYING FORCEPS

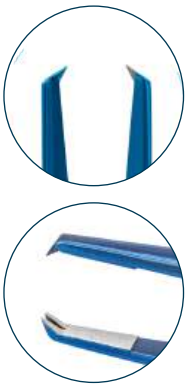


Tooth height	Tips wide	Code
0.12 MM	0.3 MM	TMF 412
0.3 MM	0.5 MM	TMF 414



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: straight
Handle: flat, titanium, 10 mm wide

CASTROVIEJO TYING FORCEPS

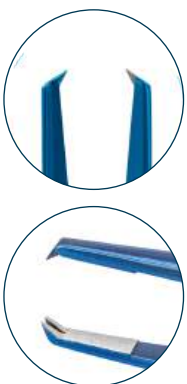


Tooth height	Tips wide	Code
0.12 MM	0.3 MM	TMF 416
0.3 MM	0.5 MM	TMF 417



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: angled
Handle: flat, titanium, 10 mm wide

CASTROVIEJO TYING FORCEPS



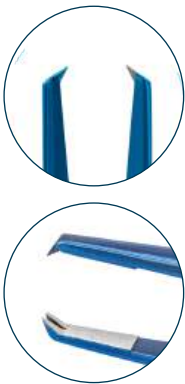
Tooth height	Tips wide	Code
0.12 MM	0.3 MM	TMF 418
0.3 MM	0.5 MM	TMF 419
0.5 MM	0.7 MM	TMF 420



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: curved
Handle: flat, titanium, 10 mm wide

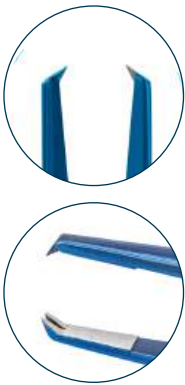


CATALANO CORNEAL FORCEPS
TMF 215



Overall length: 90 mm, 3.5 inches
Tip: 0.3 mm wide
Teeth: 1 x 2, 0.1 mm high
Handle: round, titanium, Ø8 mm

TENNANT TYING FORCEPS

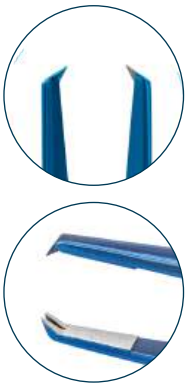


Tooth height	Tips wide	Code
0.1 mm	0.3 mm	TMF 431
0.12 mm	0.3 mm	TMF 432



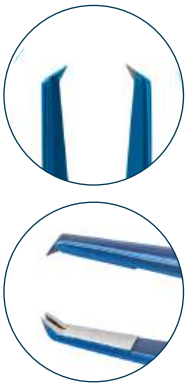
Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2
Platforms: 6 mm long
Working part: straight
Handle: round, titanium, Ø6 mm

TENNANT TYING FORCEPS
TMF 433



Overall length: 103 mm, 4.0 inches
Teeth: 1 x 2, 0.1 mm high
Platforms: 6 mm long
Working part: angled
Handle: round, titanium, Ø6 mm

TENNANT TYING FORCEPS



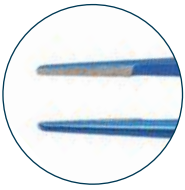
Tooth height	Code
0.1 mm	TMF 434
0.12 mm	TMF 435



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2, 0.1 mm high
Platforms: 6 mm long
Working part: curved
Handle: round, titanium, Ø6 mm

MCPHERSON TYING FORCEPS

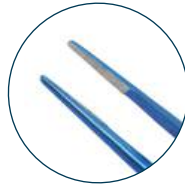
TMF 501



Overall length: 74 mm, 2.9 inches
Tip: 0.2 mm wide
Platforms: 4 mm long
Working part: straight
Handle: flat, titanium, 6.5 mm wide

BONN TYING FORCEPS

TMF 502



Overall length: 73 mm, 2.9 inches
Tip: 0.2 mm wide
Platforms: 4 mm long
Working part: angled
Handle: flat, titanium, 6.5 mm wide

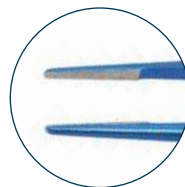
OSHER TYING FORCEPS

TMF 503



Overall length: 74 mm, 2.9 inches
Tip: 0.2 mm wide
Platforms: 4 mm long
Working part: curved
Handle: flat, titanium, 6 mm wide

MCPHERSON TYING FORCEPS



Platforms	Code
4.0 mm	TMF 511
6.0 mm	TMF 512
8.0 mm	TMF 513



Overall length: 87 mm, 3.4 inches
Working part: straight
Handle: flat, titanium, 7.6 mm wide

MCPHERSON TYING FORCEPS



Platforms	Code
4.0 mm	TMF 514
6.0 mm	TMF 515
8.0 mm	TMF 516
10.0 mm	TMF 517



Overall length: 85 mm, 3.4 inches
Working part: angled
Handle: flat, titanium, 7.6 mm wide

Forceps

TYING



MCPHERSON TYING FORCEPS

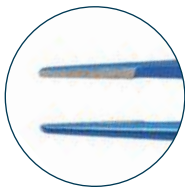


Platforms	Code
4.0 MM	TMF 518
6.0 MM	TMF 519
8.0 MM	TMF 520



Overall length: 87 mm, 3.4 inches
Working part: curved
Handle: flat, titanium, 7.6 mm wide

MCPHERSON TYING FORCEPS



Platforms	Code
4.0 MM	TMF 521
6.0 MM	TMF 522



Overall length: 100 mm, 3.9 inches
Working part: straight
Handle: flat, titanium, 7 mm wide

MCPHERSON TYING FORCEPS



Platforms	Code
4.0 MM	TMF 523
6.0 MM	TMF 524



Overall length: 98 mm, 3.9 inches
Working part: angled
Handle: flat, titanium, 7 mm wide

MCPHERSON TYING FORCEPS

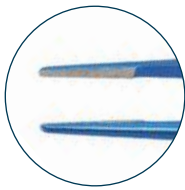


Platforms	Code
4.0 MM	TMF 525
6.0 MM	TMF 526



Overall length: 100 mm, 3.9 inches
Working part: curved
Handle: flat, titanium, 7 mm wide

MCPHERSON TYING FORCEPS

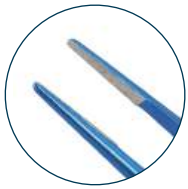


Platforms	Code
4.0 MM	TMF 531
6.0 MM	TMF 532
8.0 MM	TMF 533



Overall length: 105 mm, 4.1 inches
Working part: straight
Handle: flat, titanium, 10 mm wide

MCPHERSON TYING FORCEPS



Platforms	Code
4.0 mm	TMF 534
6.0 mm	TMF 535
8.0 mm	TMF 536



Overall length: 102 mm, 4.0 inches
Working part: angled
Handle: flat, titanium, 10 mm wide

MCPHERSON TYING FORCEPS



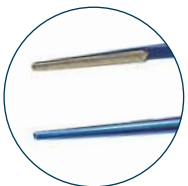
Platforms	Code
4.0 mm	TMF 537
6.0 mm	TMF 538
8.0 mm	TMF 539



Overall length: 105 mm, 4.1 inches
Working part: curved
Handle: flat, titanium, 10 mm wide

TYING FORCEPS

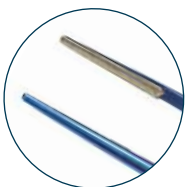
TMF 541



Overall length: 105 mm, 4.1 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: straight
Handle: flat, titanium, 10 mm wide

TYING FORCEPS

TMF 542



Overall length: 102 mm, 4.0 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: angled
Handle: flat, titanium, 10 mm wide

TYING FORCEPS

TMF 543



Overall length: 105 mm, 4.1 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: curved
Handle: flat, titanium, 10 mm wide



CATALANO TYING FORCEPS

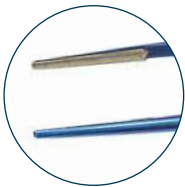
TMF 551



Overall length: 100 mm, 3.9 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: curved
Handle: round, titanium, Ø8 mm

CATALANO TYING FORCEPS

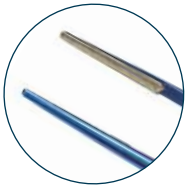
TMF 552



Overall length: 100 mm, 3.9 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: straight
Handle: round, titanium, Ø8 mm

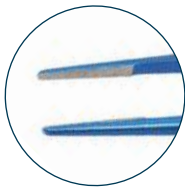
CATALANO TYING FORCEPS

TMF 553



Overall length: 100 mm, 3.9 inches
Tips: 0.5 mm wide
Platforms: 6 mm V-groove tying
Working part: angled
Handle: round, titanium, Ø8 mm

GIRARD TYING FORCEPS

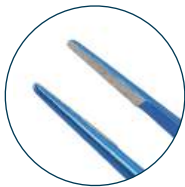


Platforms	Tips wide	Code
4.0 mm	0.25 mm	TMF 561
6.0 mm	0.30 mm	TMF 562
8.0 mm	0.35 mm	TMF 563



Overall length: 105 mm, 4.1 inches
Working part: straight
Handle: round, titanium, Ø6 mm

GIRARD TYING FORCEPS



Platforms	Tips wide	Code
4.0 mm	0.25 mm	TMF 564
6.0 mm	0.30 mm	TMF 565



Overall length: 103 mm, 4.0 inches
Working part: angled
Handle: round, titanium, Ø6 mm

GIRARD TYING FORCEPS

TMF 566



Overall length: 105 mm, 4.1 inches
Tips: 0.3 mm wide
Platforms: 4 mm
Working part: curved
Handle: round, titanium, Ø6 mm

GIRARD TYING FORCEPS

TMF 567



Overall length: 105 mm, 4.1 inches
Tips: 0.3 mm wide
Platforms: 6 mm
Working part: curved
Handle: round, titanium, Ø6 mm

GIRARD TYING FORCEPS

TMF 568



Overall length: 105 mm, 4.1 inches
Tips: 0.3 mm wide
Platforms: 8 mm
Working part: curved
Handle: round, titanium, Ø6 mm

SUTURE REMOVING FORCEPS

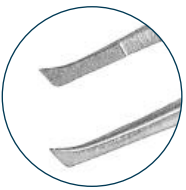
TMF 915



Overall length: 75 mm, 2.9 inches
Platforms: 3 mm
Handle: flat, titanium, 9 mm wide

SUTURE REMOVING FORCEPS

TMF 915ST



Overall length: 75 mm, 2.9 inches
Platforms: 3 mm
Handle: flat, stainless, 9 mm wide



PIERSE TYPE IRIS FORCEPS COLIBRI

TMF 601



Overall length: 75 mm, 2.9 inches
Tips: 0.4 mm wide, 1 x 1 Pierse tips, with a recess of 0.1 mm
Handle: flat, titanium, 9 mm wide

BISHOP-HARMON IRIS FORCEPS

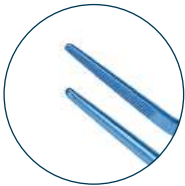
TMF 602



Overall length: 74 mm, 2.9 inches
Tips: length 4 mm, width 0.3 mm, serrated
Working part: straight
Handle: flat, titanium, 6 mm wide

BISHOP-HARMON IRIS FORCEPS

TMF 603



Overall length: 72 mm, 2.8 inches
Tips: length 4 mm, width 0.3 mm, serrated
Working part: angled
Handle: flat, titanium, 6 mm wide

BISHOP-HARMON IRIS FORCEPS

TMF 604



Overall length: 74 mm, 2.9 inches
Tips: length 4 mm, width 0.3 mm, serrated
Working part: curved
Handle: flat, titanium, 6 mm wide

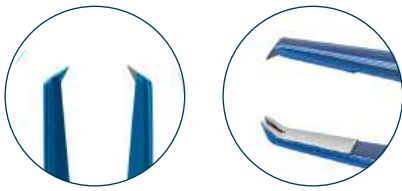
DVALY IRIS FORCEPS

TMF 605



Overall length: 73 mm, 2.9 inches
Teeth: 1 x 2 lateral teeth 0.07 mm height
Working part: angled
Handle: flat, titanium, 6.5 mm wide

BONN IRIS FORCEPS
TMF 611



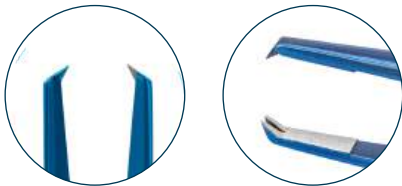
Overall length: 74 mm, 2.9 inches
Teeth: 1 x 2 teeth, 0.063 mm high
Tips: 0.2 mm wide
Handle: flat, titanium, 6.5 mm wide

BONN IRIS FORCEPS
TMF 612



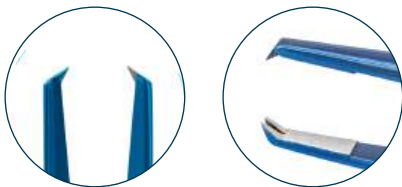
Overall length: 74 mm, 2.9 inches
Teeth: 1 x 2 teeth, 0.063 mm high
Tips: 0.2 mm wide
Handle: flat, titanium, 6.5 mm wide

BONN IRIS FORCEPS
TMF 613



Overall length: 74 mm, 2.9 inches
Teeth: 1 x 2 teeth, 0.12 mm high
Tips: 0.3 mm wide
Handle: flat, titanium, 6.5 mm wide

BONN IRIS FORCEPS
TMF 614



Overall length: 74 mm, 2.9 inches
Teeth: 1 x 2 teeth, 0.063 mm high
Tips: 0.2 mm wide
Handle: flat, titanium, 6.5 mm wide

BONN IRIS FORCEPS
TMF 615

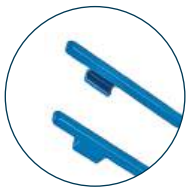


Overall length: 74 mm, 2.9 inches
Teeth: 1 x 2 teeth, 0.063 mm high
Tips: 0.2 mm wide
Handle: flat, titanium, 6.5 mm wide



IOL FOLDING FORCEPS

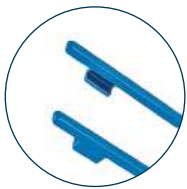
TMF 701



Overall length: 107 mm, 4.2 inches
Handle: flat, titanium, 10 mm wide

IOL FOLDING FORCEPS

TMF 702



Overall length: 110 mm, 4.3 inches
Handle: round, titanium, Ø7 mm

BURRATO IOL IMPLANTATION FORCEPS

TMF 703



Overall length: 105 mm, 4.1 inches
Handle: flat, titanium, 10 mm wide

BURRATO IOL IMPLANTATION FORCEPS

TMF 704



Overall length: 106 mm, 4.1 inches
Handle: round, titanium, Ø7 mm

IOL IMPLANTATION FORCEPS

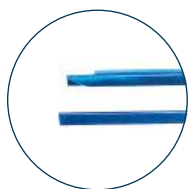
TMF 707



Overall length: 132 mm, 5.2 inches
Working part: 10 mm long,
angled
Handle: round, titanium, Ø8 mm

IOL IMPLANTATION FORCEPS

TMF 705



Overall length: 108 mm, 4.3 inches
«Monarch» cartridge
Handle: flat, titanium, 10 mm wide

IOL CARTRIDGE LOADING FORCEPS

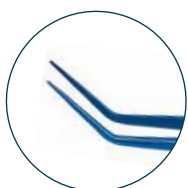
TMF 709



Overall length: 100 mm, 3.9 inches
«Technis» cartridge
Handle: flat, titanium, 10 mm wide

IOL IMPLANTATION FORCEPS

TMF 706



Overall length: 107 mm, 4.2 inches
Working part: 10 mm long,
angled
Handle: flat, titanium, 10 mm wide

FORCEPS FOR FIXATION CAPTIC IOL

TMF 711



Overall length: 100 mm, 3.9 inches
Working part: curved, titanium
Handle: flat, titanium, 10 mm wide

ARTISAN LOADING FORCEPS

TMF 710



Overall length: 116 mm, 4.5 inches
Artisan loading forceps
Handle: flat, titanium, 7 mm wide



HUNT CHALAZION FORCEPS

TMF 800



Overall length: 98 mm, 3.8 inches
Upper part: Ø15.5 mm
Lower plate: window Ø12 mm
Handle: flat, titanium, 8.4 mm wide

DESMARRES CHALAZION FORCEPS

TMF 801



Overall length: 100 mm, 3.9 inches
Upper part: 20 x 12 mm
Lower plate: window 17 x 9 mm
Handle: flat, titanium, 9 mm wide

DESMARRES CHALAZION FORCEPS

TMF 802



Overall length: 100 mm, 3.9 inches
Upper part: 34 x 24 mm
Lower plate: window 31 x 21 mm
Handle: flat, titanium, 8 mm wide

HUNT DESMARRES CHALAZION FORCEPS

TMF 803



Overall length: 100 mm, 3.9 inches
Upper part: Ø14 mm
Lower plate: window Ø11.6 mm
Handle: flat, titanium, 7.5 mm wide



HUNT DESMARRES CHALAZION FORCEPS

TMF 804



Overall length: 100 mm, 3.9 inches
Upper part: 12 x 11 mm
Lower plate: window 10 x 9 mm
Handle: flat, titanium, 7.5 mm wide

CORNEAL FIXATION FORCEPS

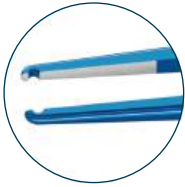
TMF 469



Overall length: 95 mm, 3.8 inches
Tips: 0.9 mm wide
Teeth: 2 x 3, 0.2 mm high
Platforms: 3.5 mm long
Handle: round, titanium, Ø8 mm

PIERCE FIXATION FORCEPS

TMF 470



Overall length: 90 mm, 3.5 inches
Tips: 1 x 1 with a groove 0.1 mm, 0.2 mm width
Handle: round, titanium, Ø8 mm

BORES CORNEAL FIXATION FORCEPS

TMF 471



Overall length: 100 mm, 3.9 inches
Teeth: 1 x 2, 0.12 mm high
Tips: U-shared 2 mm spread
Handle: round, titanium, Ø8 mm

HOFFMAN-POLACK FIXATION FORCEPS

TMF 472



Overall length: 100 mm, 3.9 inches
Tips: groove 0.1 mm, U-shared 2 mm spread
Handle: round, titanium, Ø8 mm

SCLERAL TYING FORCEPS

TMF 473



Overall length: 105 mm, 4.1 inches
Teeth: 1 x 2, 0.75 mm high
Tips: 1.2 mm wide
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

FIXATION FORCEPS FOR MUSCLE WITH LOCK

TMF 474



Overall length: 104 mm, 4.1 inches
Tips: 1.4 mm wide
Teeth: 2 x 3, 0.5 mm high
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

FIXATION FORCEPS FOR MUSCLE WITH LOCK

TMF 475



Overall length: 104 mm, 4.1 inches
Tips: 1.4 mm wide
Teeth: 2 x 3, 0.5 mm high
Platforms: 6 mm long
Handle: flat, titanium, 10 mm wide

BERKE PTOSIS, SMALL

TMF 476



Overall length: 98 mm, 3.9 inches
Working part: serrated, 20 mm length
Handle: flat, titanium, 8 mm wide

BERKE PTOSIS, BIG

TMF 4761



Overall length: 98 mm, 3.9 inches
Working part: serrated, 27 mm length
Handle: flat, titanium, 8 mm wide

JAMESON MUSCLE FORCEPS SMALL, LEFT

TMF 477



Overall length: 99 mm, 3.9 inches
Working part: 8 mm length
Teeth: 4 teeth
Handle: flat, titanium, 8 mm wide

JAMESON MUSCLE FORCEPS SMALL, RIGHT

TMF 478



Overall length: 99 mm, 3.9 inches
Working part: 8 mm length
Teeth: 4 teeth
Handle: flat, titanium, 8 mm wide

JAMESON MUSCLE FORCEPS, LEFT

TMF 479



Overall length: 100 mm, 3.9 inches
Working part: 10.6 mm length
Teeth: 6 teeth
Handle: flat, titanium, 8 mm wide

JAMESON MUSCLE FORCEPS, RIGHT

TMF 480



Overall length: 100 mm, 3.9 inches
Working part: 10.6 mm length
Teeth: 6 teeth
Handle: flat, titanium, 8 mm wide

PUTTERMAN CLAMPS FOR MUSCLES

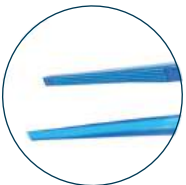
TMF 490



Overall length: 95 mm, 3.7 inches
Working part: 3 x 3 spikes platform 3.5 x 24 mm
Handle: flat, titanium, 9 mm wide

BONACCOLTO FORCEPS

TMF 589



Overall length: 105 mm, 4.1 inches
Tips: length 15 mm, width 1.35 mm
Handle: flat, titanium, 10 mm wide



ADSON ANATOMICAL FORCEPS

TMF 924



Overall length: 120 mm, 4.7 inches
Tips: 13 mm, serrated
Handle: flat, titanium, 14 mm wide

ADSON FIXATION FORCEPS

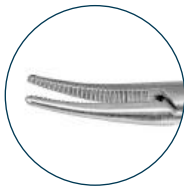
TMF 925



Overall length: 120 mm, 4.7 inches
Tips: 1 x 2, 0.5 mm high
Handle: flat, titanium, 14 mm wide

HEMOSTATIC FORCEPS, CURVED

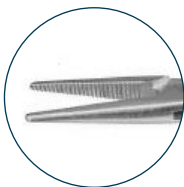
TMF 998



Overall length: 95 mm, 3.7 inches
Working part: curved, stainless
Tips: 1 mm wide, serrated
Handle: stainless

HEMOSTATIC FORCEPS, STRAIGHT

TMF 999



Overall length: 95 mm, 3.7 inches
Working part: straight, stainless
Tips: 1 mm wide, serrated
Handle: stainless

DRESSING FORCEPS

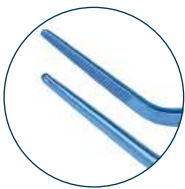
TMF 901



Overall length: 107 mm, 4.7 inches
 Tips: length 8 mm, width 0.6 mm, delicate, serrated
 Working part: straight
 Handle: flat, titanium, 10 mm wide

DRESSING FORCEPS

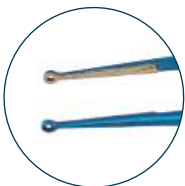
TMF 901.1



Overall length: 107 mm, 4.7 inches
 Tips: length 8 mm, width 0.6 mm, delicate, serrated
 Working part: angled
 Handle: flat, titanium, 10 mm wide

FECHTNER CONJUNCTIVA FORCEPS,

TMF 902



Overall length: 109 mm, 4.3 inches
 Tips: delicate ring-shaped grips, tungsten carbide length 6.0 mm
 Handle: flat, titanium, 10 mm wide

FECHTNER CONJUNCTIVA FORCEPS,

TMF 912



Overall length: 109 mm, 4.3 inches
 Tips: delicate ring-shaped grips, tungsten carbide length 6.0 mm
 Handle: flat, titanium, 10 mm wide

PIERSE TYPE FIXATION FORCEPS

TMF 903

TMF 904

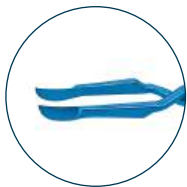


Overall length: 87 mm, 3.1 inches
 Tips: 1 x 1 with a groove 0.1 mm
 Working part: straight
 Handle: flat, titanium, 7.6 mm wide



PRECHOPPER STRAIGHT COMBO

TMF 905



Overall length: 120 mm, 4.7 inches
Working part: cross action
Tips: 2.4 mm maximum opening
Handle: round, titanium, Ø6.5 mm

PRECHOPPER STRAIGHT COMBO

TMF 906
FLACS



Overall length: 121 mm, 4.7 inches
Working part: cross action
Tips: 2.4 mm maximum opening
Outer diameter of the ring 1.6 mm
Inner diameter of the ring 0.75 mm
Handle: round, titanium, Ø6.5 mm

PRECHOPPER STRAIGHT COMBO

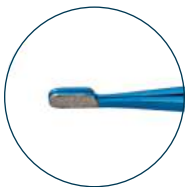
TMF 907



Overall length: 120 mm, 4.7 inches
Working part: cross action
Tips: 2.4 mm maximum opening,
rounded tips with sharpened angular edge
Handle: round, titanium, Ø6.5 mm

FORCEPS FOR CRUSHING NUCLEUS

TMF 909



Overall length: 75 mm, 2.9 inches
Tips: 1.1 x 2.5 mm
Handle: flat, titanium, 10 mm wide

FORCEPS FOR CRUSHING AND EVACUATION
FRAGMENTS NUCLEUS

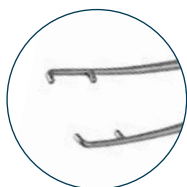
TMF 913



Overall length: 79 mm, 3.1 inches
Tips: 0.3 mm wide
Teeth: 1 x 2, 0.12 mm high
Handle: flat, stainless, 8 mm wide

FORCEPS FOR EVACUATION NUCLEUS

TMF 908



Overall length: 106 mm, 4.1 inches
 Tips: 0.3 mm wide
 Teeth: 2 x 2, 0.3 mm high,
 distance between the teeth is 2.5 mm
 Handle: flat, stainless, 10 mm wide

CAPSULOTOMY FORCEPS TO LIFT CAPSULE

TMF 132

FLACS



Overall length: 82 mm, 3.2 inches
 Working part: angled, length 13 mm for lifting
 capsule after separation by femtosecond laser
 Handle: flat, titanium, 7.6 mm wide

CILIA FORCEPS NARROW

TMF 916



Overall length: 85 mm, 3.3 inches
 Working part: 0.5 x 6 mm, cone-shaped
 Handle: flat, titanium, 10 mm wide

ZIGLER CILIA FORCEPS

TMF 917



Overall length: 91 mm, 3.6 inches
 Platforms: 4.5 mm, rounded
 Handle: flat, titanium, 6 mm wide

CILIA FORCEPS WIDE

TMF 918



Overall length: 76 mm, 3.0 inches
 Platforms: 1 x 3 mm
 Handle: flat, titanium, 6 mm wide



MEIBOMIAN GLAND FORCEPS

TMF 580



Overall length: 110 mm, 4.3 inches
Tips: length 8 mm, width 4 mm
Handle: flat, titanium, 10 mm wide

MEIBOMIAN GLAND FORCEPS

TMF 581



Overall length: 100 mm, 3.9 inches
Tips: length 3.4 mm, width 3.1 mm
Working part: angled
Handle: flat, titanium, 10 mm wide

MEIBOMIAN GLAND FORCEPS

TMF 590



Overall length: 100 mm, 3.9 inches
Tips: length 3.4 mm, width 3.1 mm
Working part: angled
Handle: flat, stainless, 9.5 mm wide

ANATOMICAL FORCEPS BY NUGENT

TMF 914



Overall length: 104 mm, 4.0 inches
Tips: 1.1 mm wide
Platforms: 10 mm, cross-wise serrated
Working part: angled
Handle: flat, titanium, 10 mm wide

FORCEPS FOR LOADING VALVE OF AHMED

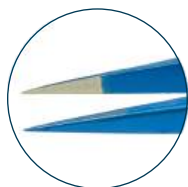
TMF 926



Overall length: 110 mm, 4.7 inches
Working part: with groove, titanium
Handle: flat, titanium, 10 mm wide

JEWELWRS FORCEPS

TMF 921



Overall length: 110 mm, 4.4 inches
Tips: 0.2 mm
Handle: flat, titanium, 10 mm wide

JEWELERS FORCEPS

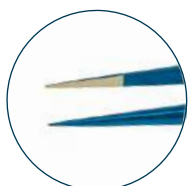
TMF 922



Overall length: 110 mm, 4.4 inches
Platforms: 0.2 mm, curved
Handle: flat, titanium, 9 mm wide

JEWELERS FORCEPS

TMF 923



Overall length: 110 mm, 4.4 inches
Platforms: 0.2 mm, straight
Handle: flat, titanium, 9 mm wide

FORCEPS FOR IMPLANTATION CHUNT "REPER"

TMF 927



Overall length: 125 mm, 4.9 inches
Tips: with groove, according form of chunt
Handle: round, titanium, Ø8 mm

FORCEPS FOR DMEK, CROSS-ACTION

TMF 133

DSAEK / DMAEK / DMEK



Overall length: 112 mm, 4.4 inches
Tips: delicate, serrated
Handle: flat, titanium, 8 mm wide

Forceps

VARIOUS

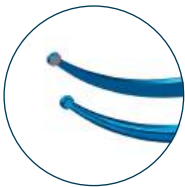


LASIK FORCEPS
TMF 919
LASIK / Femto LASIK



Overall length: 103 mm, 4.0 inches
Working part: angled
Handle: round, titanium, Ø7 mm

FLAP LIFTING FORCEPS
TMF 920
LASIK / Femto LASIK



Overall length: 105 mm, 4.1 inches
Tips: Ø0.6 mm
Working part: curved
Handle: round, titanium, Ø7 mm

SMILE LENTICULE REMOVAL FORCEPS
TMF 928
ReiEx SMILE



Overall length: 85 mm, 3.4 inches
Tips: 0.2 mm wide
Working part: 10 mm with serrated tip 4 mm
Handle: flat, titanium, 7.6 mm wide

ANATOMICAL FORCEPS FOR SMILE
TMF 929
ReiEx SMILE



Overall length: 118 mm, 4.6 inches
Working part: with serrated tip 5 mm, angled
Handle: flat, titanium, 8 mm wide

ANATOMICAL FORCEPS FOR SMILE
TMF 930
ReiEx SMILE

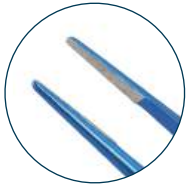


Overall length: 118 mm, 4.6 inches
Working part: with serrated tip 5 mm, curved
Handle: flat, titanium, 8 mm wide

FORCEPS FOR IMPLANTATION CORNEAL ENDOTHELIUM

TMF 931

DSAEK / DMAEK / DMEK



Overall length: 106 mm, 4.2 inches
Tips: 0.3 mm
Working part: angled
Handle: round, titanium, Ø7.5 mm

FORCEPS FOR THE SEPARATION OF THE DONOR CORNEA

TMF 932

DSAEK / DMAEK / DMEK



Overall length: 108 mm, 4.3 inches
Tips: 4.0 x 0.8 mm
Working part: straight
Handle: flat, titanium, 10 mm wide

FORCEPS FOR THE SEPARATION OF THE DONOR CORNEA

TMF 933

DSAEK / DMAEK / DMEK

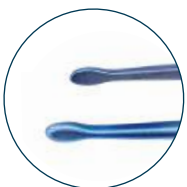


Overall length: 104 mm, 4.0 inches
Tips: 4.0 x 0.8 mm
Working part: angled
Handle: flat, titanium, 10 mm wide

FORCEPS FOR THE SEPARATION OF THE DONOR CORNEA

TMF 936

DSAEK / DMAEK / DMEK



Overall length: 108 mm, 4.3 inches
Tips: 2.0 x 1.0 mm
Working part: straight
Handle: flat, titanium, 10 mm wide

FORCEPS FOR THE SEPARATION OF THE DONOR CORNEA

TMF 937

DSAEK / DMAEK / DMEK

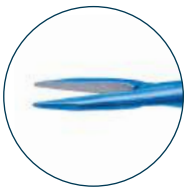


Overall length: 107 mm, 4.2 inches
Tips: 2.0 x 1.0 mm
Working part: angled
Handle: flat, titanium, 10 mm wide

Needle holders

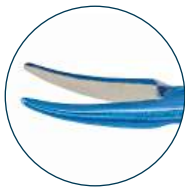


McPHERSON NEEDLE HOLDER
TMH 100



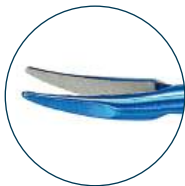
Overall length: 100 mm, 3.9 inches
Working part: reinforced, straight,
10.4 mm long, 0.4 mm wide
Handle: round, titanium, Ø7 mm

COHAN NEEDLE HOLDER
TMH 101



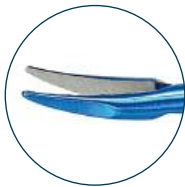
Overall length: 100 mm, 3.9 inches
Working part: fine, curved,
7.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

BARRAQUER NEEDLE HOLDER
TMH 102



Overall length: 100 mm, 3.9 inches
Working part: delicate, curved,
8.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø7 mm

BARRAQUER NEEDLE HOLDER
TMH 103



Overall length: 100 mm, 3.9 inches
Working part: delicate, curved,
9.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø7 mm

BECHERT-SINSKEY NEEDLE HOLDER
TMH 104



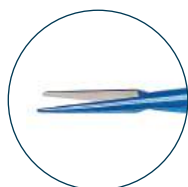
Overall length: 100 mm, 3.9 inches
Working part: delicate, straight,
7.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø6 mm

CASTROVIEJO NEEDLE HOLDER
TMH 105



Overall length: 125 mm, 4.9 inches
Working part: standard, curved,
11 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 106



Overall length: 125 mm, 4.9 inches
Working part: heavy, straight,
11 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 107



Overall length: 125 mm, 4.9 inches
Working part: fine, curved,
7.4 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 108



Overall length: 125 mm, 4.9 inches
Working part: fine, straight,
7.4 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

BARRAQUER NEEDLE HOLDER
TMH 109



Overall length: 125 mm, 4.9 inches
Working part: fine, curved,
9.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø7 mm

Needle holders



TMH 110

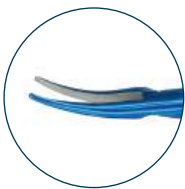
KALT NEEDLE HOLDER



Overall length: 135 mm, 5.3 inches
Working part: straight,
10.4 mm long, 0.8 mm wide
Handle: flat locking, 10 mm wide

TENNATAN NEEDLE HOLDER

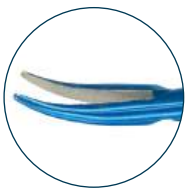
TMH 111



Overall length: 135 mm, 5.3 inches
Working part: fine, curved,
12 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

CASTOVIEJO NEEDLE HOLDER

TMH 112



Overall length: 135 mm, 5.3 inches
Working part: heavy, curved,
10.5 mm long, 0.6 mm wide
Handle: round, titanium, Ø8 mm

CASTOVIEJO NEEDLE HOLDER

TMH 113



Overall length: 135 mm, 5.3 inches
Working part: heavy, curved,
10.5 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

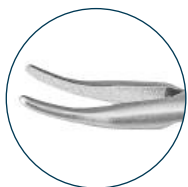
CASTOVIEJO NEEDLE HOLDER

TMH 114



Overall length: 135 mm, 5.3 inches
Working part: heavy, curved,
11.5 mm long, 0.95 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 115



Overall length: 125 mm, 4.9 inches
Working part: fine, curved,
11 mm long, 0.6 mm wide
Handle: round, stainless, Ø8 mm

BARRAQUER NEEDLE HOLDER
TMH 116



Overall length: 125 mm, 4.9 inches
Working part: fine, curved,
9.4 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

BARRAQUER NEEDLE HOLDER
TMH 117



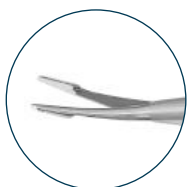
Overall length: 135 mm, 5.3 inches
Working part: heavy, curved,
8.5 mm long, 0.6 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 118



Overall length: 135 mm, 5.3 inches
Working part: heavy, straight,
11 mm long, 0.4 mm wide
Handle: round, titanium, Ø8 mm

CASTROVIEJO NEEDLE HOLDER
TMH 119

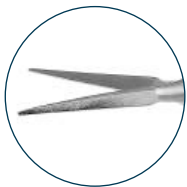


Overall length: 140 mm, 5.5 inches
Working part: stainless
Jaws: fine, length 3.5 mm, 0.5 mm wide
curved 7.5 mm scissors blades
Handle: round, stainless, Ø8 mm

Scissors

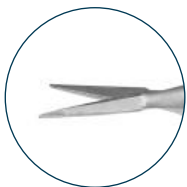


VANNAS SCISSORS
TMS 101



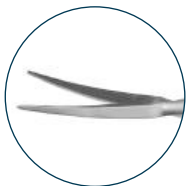
Overall length: 84 mm, 3.3 inches
Working part: sharp, straight,
9.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 102



Overall length: 80 mm, 3.1 inches
Working part: sharp, straight,
5.5 mm long, 0.2 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 103



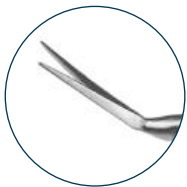
Overall length: 84 mm, 3.3 inches
Working part: sharp, curved,
9.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 104



Overall length: 80 mm, 3.1 inches
Working part: sharp, curved,
5.5 mm long, 0.2 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 105



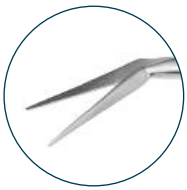
Overall length: 81 mm, 3.2 inches
Working part: sharp, angled 45°,
9.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 106



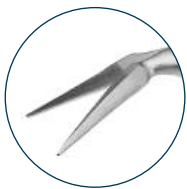
Overall length: 80 mm, 3.1 inches
Working part: sharp, angled 20°,
5.5 mm long, 0.2 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 107



Overall length: 81 mm, 3.1 inches
Working part: sharp, angled to side 50°,
9.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 108



Overall length: 80 mm, 3.1 inches
Working part: sharp, angled to side 50°,
5.5 mm long, 0.2 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 109



Overall length: 84 mm, 3.3 inches
Working part: sharp, curved,
8.5 mm long, 0.3 mm wide
Handle: round, stainless, Ø6 mm

VANNAS SCISSORS
TMS 110

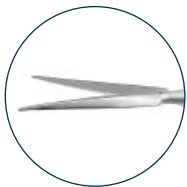


Overall length: 90 mm, 3.5 inches
Working part: sharp, curved,
8.5 mm long, 0.3 mm wide
Handle: flat, stainless, 6 mm wide

Scissors

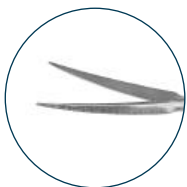


VANNAS SCISSORS
TMS 121



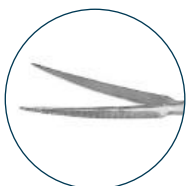
Overall length: 87 mm, 4.1 inches
Working part: sharp, straight,
12 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 122



Overall length: 87 mm, 3.3 inches
Working part: sharp, curved,
12 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

SCISSORS FOR CAPSULOTOMY
TMS 132



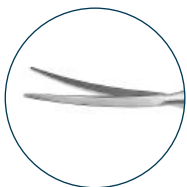
Overall length: 92 mm, 3.6 inches
Working part: delicate, curved,
14 mm long, 0.15 mm wide
Handle: flat, stainless, 7.5 mm wide

VANNAS SCISSORS
TMS 123



Overall length: 87 mm, 4.1 inches
Working part: sharp, straight,
12 mm long, 0.3 mm wide
Handle: round, stainless, Ø6 mm

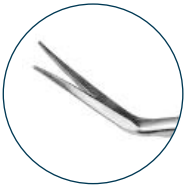
VANNAS SCISSORS
TMS 124



Overall length: 87 mm, 4.1 inches
Working part: sharp, curved,
12 mm long, 0.3 mm wide
Handle: round, stainless, Ø6 mm

ANTERIOR CAPSULOTOMY SCISSORS

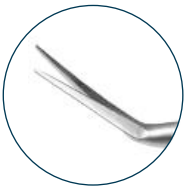
TMS 114



Overall length: 90 mm, 3.5 inches
Working part: sharp, angled 45°, 10 mm long, 0.2 mm wide
Handle: flat, stainless, 6 mm wide

ANTERIOR CAPSULOTOMY SCISSORS

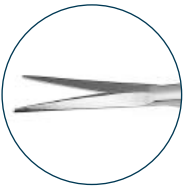
TMS 115



Overall length: 82 mm, 3.2 inches
Working part: sharp, angled 45°, 10 mm long, 0.3 mm wide
Handle: round, stainless, Ø6 mm

VANNAS SCISSORS

TMS 111



Overall length: 115 mm, 4.6 inches
Working part: sharp, straight, 9 mm long, 0.3 mm wide
Handle: flat, stainless, 7 mm wide

VANNAS SCISSORS

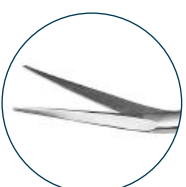
TMS 112



Overall length: 115 mm, 4.6 inches
Working part: sharp, curved, 9 mm long, 0.3 mm wide
Handle: flat, stainless, 7 mm wide

VANNAS SCISSORS

TMS 113



Overall length: 115 mm, 4.6 inches
Working part: sharp, angled 15°, 9.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7 mm wide

Scissors

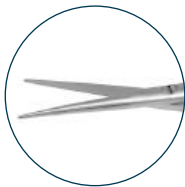


CASTOVIEJO SCISSORS
TMS 116



Overall length: 110 mm, 4.7 inches
Working part: sharp, curved,
8.5 mm long, 0.3 mm wide
Handle: flat, stainless, 8 mm wide

NOYES SCISSORS



Tip width	Code
0.2 mm	TMS 117
0.2 / 0.5 mm	TMS 118
0.5 mm	TMS 119
0.65 mm	TMS 120



Overall length: 105 mm, 4.1 inches
Working part: sharp, straight,
12 mm long
Handle: flat, stainless, 7 mm wide

CASTOVIEJO CORNEAL SCISSORS
TMS 201



Overall length: 100 mm, 3.9 inches
Working part: sharp, curved,
8 mm long, 0.2 mm wide
Handle: flat, stainless, 7 mm wide

CASTOVIEJO SCISSORS
TMS 204



Overall length: 105 mm, 4.1 inches
Working part: blunt, curved,
13 mm long, 0.65 mm wide
Handle: flat, stainless, 7 mm wide

CASTOVIEJO SCISSORS
TMS 205



Overall length: 108 mm, 4.3 inches
Working part: blunt, curved,
12.6 mm long, 0.6 mm wide
Handle: round, stainless, Ø8 mm

TROUTMANN-CASTOVIEJO CORNEAL SCISSORS, RIGHT
TMS 202



Overall length: 102 mm, 4.0 inches
Working part: blunt, curved,
8.2 mm long, 0.5 mm wide
Handle: flat, stainless, 6.5 mm wide

TROUTMANN-CASTOVIEJO CORNEAL SCISSORS, LEFT
TMS 203



Overall length: 102 mm, 4.0 inches
Working part: blunt, curved,
9.5 mm long, 0.5 mm wide
Handle: flat, stainless, 6.5 mm wide

KATZIN CORNEAL TRANSPLANT SCISSORS, RIGHT
TMS 206



Overall length: 103 mm, 4.1 inches
Working part: right curved,
7 mm long, 0.3 mm wide
Handle: round, stainless, Ø8 mm

KATZIN CORNEAL TRANSPLANT SCISSORS, LEFT
TMS 207



Overall length: 103 mm, 4.1 inches
Working part: left curved,
7 mm long, 0.3 mm wide
Handle: round, stainless, Ø8 mm

CASTOVIEJO SCISSORS
TMS 212



Overall length: 105 mm, 4.1 inches
Working part: curved,
9 mm long, 0.3 mm wide
Handle: round, stainless, Ø8 mm



CASTOVIEJO CORNEAL SCISSORS, RIGHT
TMS 208



Overall length: 102 mm, 4.0 inches
Working part: curved,
10.5 and 9.5 mm long, 0.4 mm wide
Handle: flat, stainless, 6.5 mm wide

CASTOVIEJO CORNEAL SCISSORS, LEFT
TMS 209



Overall length: 102 mm, 4.0 inches
Working part: curved,
10.5 and 9.5 mm long, 0.4 mm wide
Handle: flat, stainless, 6.5 mm wide

CASTOVIEJO CORNEAL SCISSORS, RIGHT
TMS 210



Overall length: 105 mm, 4.1 inches
Working part: right curved,
11 и 10.4 mm long, 0.5 mm wide
Handle: flat, stainless, 7 mm wide

CASTOVIEJO CORNEAL SCISSORS, LEFT
TMS 211



Overall length: 105 mm, 4.1 inches
Working part: left curved,
11 и 10.4 mm long, 0.5 mm wide
Handle: flat, stainless, 7 mm wide

MACKENSEN KERATOPLASTY SCISSORS
TMS 144



Overall length: 80 mm, 3.3 inches
Working part: curved,
7 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

SCISSORS FOR DALK, RIGHT

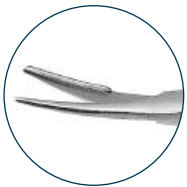
TMS 125
DALK



Overall length: 105 mm, 4.1 inches
Working part: curved,
9 mm long, with limit 5.5 mm length
Handle: flat, stainless, 6 mm wide

SCISSORS FOR DALK, LEFT

TMS 126
DALK



Overall length: 105 mm, 4.1 inches
Working part: curved,
9 mm long, with limit 5.5 mm length
Handle: flat, stainless, 6 mm wide

CONJUNCTIVAL SCISSORS

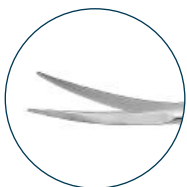
TMS 301



Overall length: 105 mm, 4.1 inches
Working part: curved,
12 mm long, 0.3 mm wide
Handle: round, stainless, Ø8 mm

CONJUNCTIVAL SCISSORS

TMS 302



Overall length: 105 mm, 4.1 inches
Working part: sharp, curved,
11.5 mm long, 0.3 mm wide
Handle: flat, stainless, 7 mm wide

WESTCOTT SCISSORS

TMS 402



Overall length: 120 mm, 4.7 inches
Working part: blunt, curved,
16.5 mm long, 0.8 mm wide
Handle: round, stainless, Ø8 mm

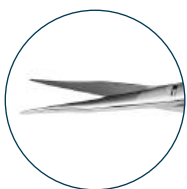


WESTCOTT SCISSORS
TMS 401



Overall length: 120 mm, 4.7 inches
Working part: blunt, angled,
16 mm long, 0.8 mm wide
Handle: flat, stainless, 8 mm wide

WESTCOTT SCISSORS
TMS 403



Overall length: 120 mm, 4.7 inches
Working part: straight,
17 mm long, 0.2 mm wide
Handle: flat, stainless, 8 mm wide

WESTCOTT SCISSORS
TMS 404



Overall length: 120 mm, 4.7 inches
Working part: curved,
16 mm long, 0.2 mm wide
Handle: flat, stainless, 8 mm wide

WESTCOTT SCISSORS
TMS 405



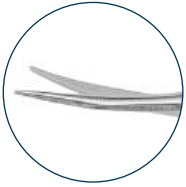
Overall length: 110 mm, 4.3 inches
Working part: angled,
14 mm long, 0.2 mm wide
Handle: flat, stainless, 7 mm wide

WESTCOTT SCISSORS
TMS 406



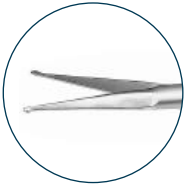
Overall length: 110 mm, 4.3 inches
Working part: blunt, angled,
14 mm long, 0.4 mm wide
Handle: flat, stainless, 7 mm wide

WESTCOTT SCISSORS TMS 400



Overall length: 84 mm, 3.3 inches
Working part: sharp, angled,
7 mm long, 0.3 mm wide
Handle: flat, stainless, 7.5 mm wide

IOL SCISSORS TMS 500



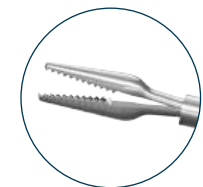
Overall length: 85 mm, 3.3 inches
Working part: blunt, straight,
9.5 mm long, 0.5 mm wide
Handle: flat, stainless, 7.5 mm wide

LENS CUTTER FORCEPS-SCISSORS TMS 501

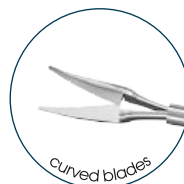


Overall length: 112 mm, 4.4 inches
Working part: angled, stainless,
Tips: 8.5 mm long, 0.4 mm wide
Handle: flat, titanium, 7.5 mm wide

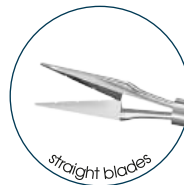
FORCEPS FOR IOL REMOVAL



20 Ga **TMV 182**



19 Ga **TMV 282**



19 Ga **TMV 283**



IOL CUTTER

LENS CUTTER FORCEPS TMS 505



Overall length: 126 mm, 4.9 inches
Mechanism: plunger
Handle: round, titanium, Ø5.6 mm



CONJUCTIVAL SCISSORS

TMS 601



Overall length: 110 mm, 4.3 inches
Working part: straight, stainless
Tips: 20 mm long, blunt

CONJUCTIVAL SCISSORS

TMS 602



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long, blunt

BLUNT-EDGED SCISSORS

TMS 603



Overall length: 110 mm, 4.3 inches
Working part: straight, stainless
Tips: 20 mm long, blunt

BLUNT-EDGED SCISSORS

TMS 604



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long, blunt

SCISSORS

TMS 605



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long, sharp - blunt

SCISSORS

TMS 606



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long, sharp - blunt

SCISSORS

TMS 607



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long, blunt - sharp

SCISSORS SHARP

TMS 608



Overall length: 110 mm, 4.3 inches
Working part: straight, stainless
Tips: 20 mm long

SCISSORS SHARP

TMS 609



Overall length: 110 mm, 4.3 inches
Working part: curved, stainless
Tips: 20 mm long

ENUCLEATION SCISSORS

TMS 610



Overall length: 135 mm, 5.3 inches
Working part: curved, stainless
Tips: 35 mm long



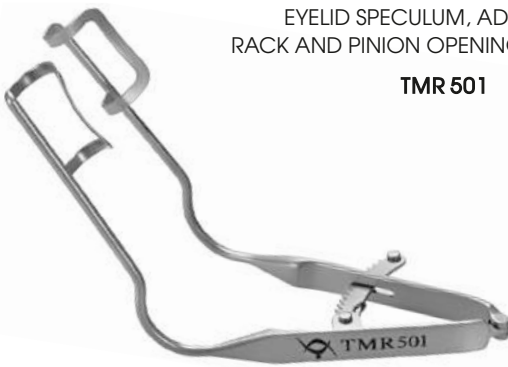
EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM
TMR 500

Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, plates



EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM
TMR 508

Overall length: 60 mm, 2.4 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, plates



EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM
TMR 501

Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, plates narrow



EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM
TMR 502

Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 15 mm wide, solid blades

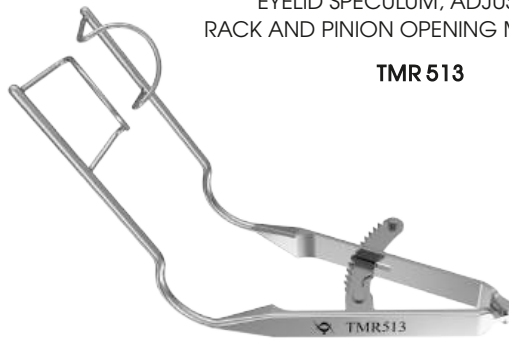


EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM
TMR 504

Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, wire

EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM

TMR 513



Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 12 mm wide, closed, wire

EYELID SPECULUM, ADJUSTABLE,
RACK AND PINION OPENING MECHANISM

TMR 573

CLEAR



Overall length: 68 mm, 2.7 inches
Type: temporal, stainless
Blades: 12.5 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 073

CLEAR



Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 13 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 079



Overall length: 70 mm, 2.8 inches
Type: temporal, stainless
Blades: 16 mm wide, closed, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 103



Overall length: 78 mm, 3.1 inches
Type: temporal, titanium
Blades: 15 mm wide, closed, wire



EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, ADULTS

TMR 301



Overall length: 70 mm, 1.4 inches
Type: nasal, titanium
Blades: 16 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, ADULTS

TMR 303

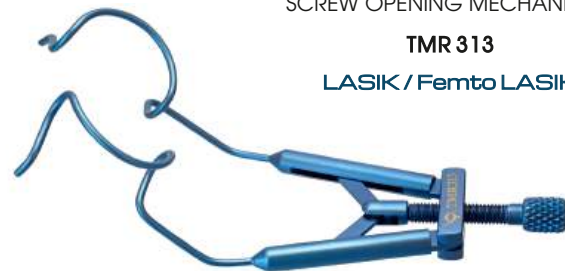


Overall length: 70 mm, 2.8 inches
Type: temporal, titanium
Blades: 16 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 313

LASIK / Femto LASIK



Overall length: 70 mm, 2.8 inches
Type: temporal, titanium
Blades: 15 mm wide, open, wire

FREEMAN'S EYELID SPECULUM,
ADJUSTABLE, PEDIATRICS

TMR 302



Overall length: 67 mm, 2.6 inches
Type: nasal, titanium
Blades: 12 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, PEDIATRICS

TMR 304



Overall length: 65 mm, 2.6 inches
Type: temporal, titanium
Blades: 12 mm wide, open, wire

FREEMAN'S EYELID SPECULUM,
ADJUSTABLE, ADULTS

TMR 305



Overall length: 68 mm, 2.7 inches
Type: nasal, titanium
Blades: 15 mm wide, solid blades

FREEMAN'S EYELID SPECULUM,
ADJUSTABLE, PEDIATRICS

TMR 306



Overall length: 65 mm, 2.6 inches
Type: nasal, titanium
Blades: 11 mm wide, solid blades

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, ADULTS

TMR 308



Overall length: 83 mm, 3.3 inches
Type: temporal, titanium
Blades: 15 mm wide, solid blades

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, PEDIATRICS

TMR 309



Overall length: 80 mm, 3.1 inches
Type: temporal, titanium
Blades: 11 mm wide, solid blades

KERSHNER EYELID SPECULUM,
ADJUSTABLE

TMR 310



Overall length: 80 mm, 3.1 inches
Type: temporal, titanium
Blades: 15.5 mm wide, solid blades

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 315



Overall length: 67 mm, 2.6 inches
Type: temporal, titanium
Blades: 15.5 mm wide, solid blades



EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM

TMR 307



Overall length: 82 mm, 3.2 inches
Type: temporal, titanium
Blades: 16 mm wide, open, wire

SCHAPIRA EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, ADULTS

TMR 323



Overall length: 88 mm, 3.5 inches
Type: temporal, titanium
Blades: 14 mm wide, open, wire

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, ADULTS

TMR 322



Overall length: 90 mm, 3.5 inches
Type: temporal, titanium
Blades: 15 mm wide, solid blades

EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM, PEDIATRICS

TMR 326



Overall length: 68 mm, 2.7 inches
Type: temporal, titanium
Blades: 13.5 mm wide, closed, wire

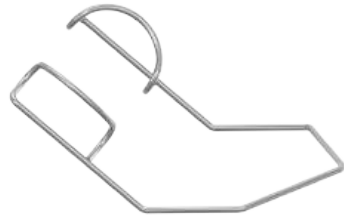
EYELID SPECULUM, ADJUSTABLE,
SCREW OPENING MECHANISM,

TMR 327



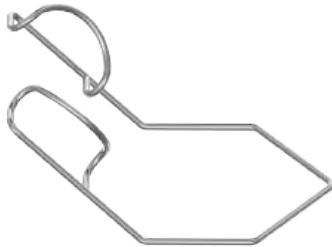
Overall length: 68 mm, 2.7 inches
Type: temporal, titanium
Blades: 15 mm wide, closed, wire

BARRAQUER EYELID SPECULUM,
ADULT
TMR 201



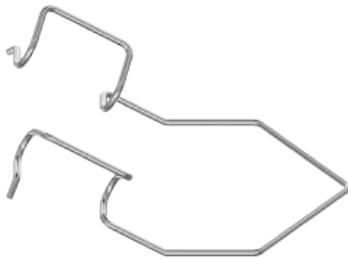
Overall length: 43 mm, 1.7 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, wire

BARRAQUER EYELID SPECULUM,
STRONG, ADULT
TMR 205



Overall length: 43 mm, 1.7 inches
Type: temporal, stainless
Blades: 15 mm wide, closed, wire

KRATZ-BARRAQUER EYELID SPECULUM,
ADULT
TMR 204



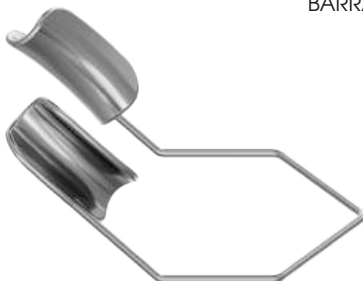
Overall length: 44 mm, 1.7 inches
Type: temporal, stainless
Blades: 14 mm wide, open, wire

KRATZ-BECHERT EYELID SPECULUM
TMR 206



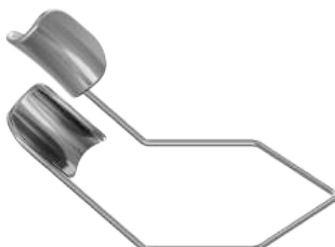
Overall length: 41 mm, 1.6 inches
Type: temporal, stainless
Blades: 14.7 mm wide, open, wire

BARRAQUER EYELID SPECULUM,
ADULT
TMR 208



Overall length: 42 mm, 1.6 inches
Type: temporal, stainless
Blades: 15 mm wide, solid blades

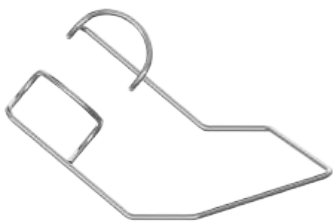
BARRAQUER EYELID SPECULUM,
PEDIATRIC
TMR 207



Overall length: 41 mm, 1.6 inches
Type: temporal, stainless
Blades: 11 mm wide, solid blades



BARRAQUER EYELID SPECULUM,
PEDIATRIC
TMR 202



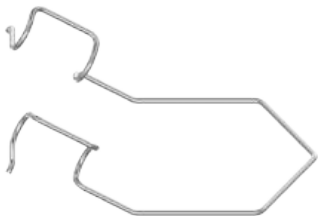
Overall length: 33 mm, 1.3 inches
Type: temporal, stainless
Blades: 10 mm wide, closed, wire

BARRAQUER EYELID SPECULUM,
PEDIATRIC
TMR 2021



Overall length: 45 mm, 1.7 inches
Type: temporal, stainless
Blades: 11 mm wide, closed, wire

KRATZ-BARRAQUER EYELID SPECULUM,
PEDIATRIC
TMR 203



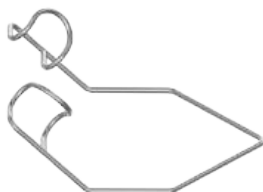
Overall length: 38 mm, 1.5 inches
Type: temporal, stainless
Blades: 7 mm wide, open, wire

EYELID SPECULUM PEDIATRIC
TMR 209



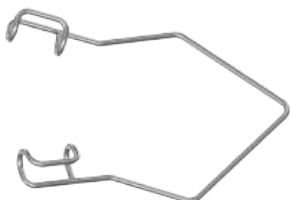
Overall length: 35 mm, 1.4 inches
Type: temporal, stainless
Blades: 4 mm wide, open, wire

EYELID SPECULUM PEDIATRIC
TMR 210



Overall length: 32 mm, 1.3 inches
Type: temporal, stainless
Blades: 7 mm wide, closed, wire

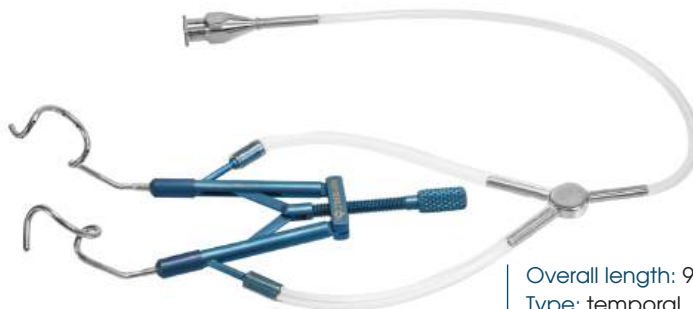
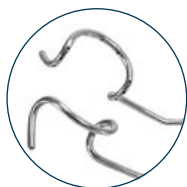
EYELID SPECULUM PEDIATRIC
TMR 211



Overall length: 35 mm, 1.4 inches
Type: temporal, stainless
Blades: 7 mm wide, closed, wire

TMR 408

ASPIRATION EYELID SPECULUM
ADJUSTABLE

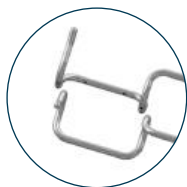


Overall length: 91 mm, 3.6 inches
Type: temporal
Blades: 16 mm wide, open, wire

TMR 401

ASPIRATION EYELID SPECULUM
ADJUSTABLE

LASIK / Femto LASIK



Overall length: 78 mm, 3.1 inches
Type: universal
Blades: 16 mm wide, open, wire

TMR 402

ASPIRATION EYELID SPECULUM
ADJUSTABLE

LASIK / Femto LASIK



Overall length: 80 mm, 3.2 inches
Type: universal
Blades: 16 mm wide, open, wire

DESMARRES LID RETRACTOR

Tips wide	Size	Code
8 mm	00	TMR 600
10 mm	0	TMR 601
12 mm	1	TMR 602
14 mm	2	TMR 603
16 mm	3	TMR 604



Overall length: 120 mm, 4.7 inches
Working part: stainless
Handle: round, titanium, Ø6 mm

LITTLE RETRACTOR ADJUSTABLE

TMR 532



Overall length: 83 mm, 3.3 inches
Type: temporal, titanium
Blades: 15 mm wide



SINSKEY IRIS & HOOK

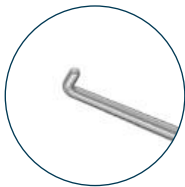
TME 102



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: Ø0.2 mm, 12 mm long
(from tip to bend)
Handle: round, titanium, Ø5 mm

SINSKEY HOOK, REVERSE

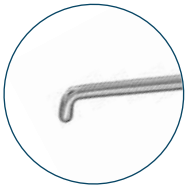
TME 141



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: Ø0.2 mm, 12 mm long
(from tip to bend)
Handle: round, titanium, Ø5 mm

SYNSKEY IRIS & IOL HOOK

TME 107

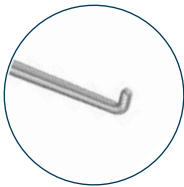
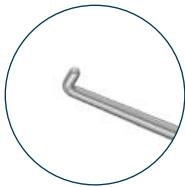


Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: Ø0.2 mm
Handle: round, titanium, Ø5 mm

SINSKEY HOOK REVERSE, DOUBLE-SIDED

TKR 105

INTRASTROMAL SEGMENT



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip 1: Ø0.2 mm, 12 mm long
Tip 2: Ø0.2 mm, 12 mm long
Handle: round, titanium, Ø6 mm

SYNSKEY IRIS & IOL HOOK

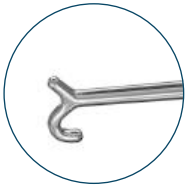
TME 109



Overall length: 115 mm, 4.5 inches
Working part: titanium, angled
Tip: Ø0.2 mm, 12 mm long
(from tip to bend)
Handle: round, titanium, Ø5 mm

RENTSCH LENS MANIPULATOR

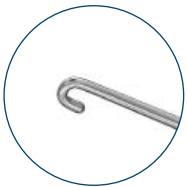
TME 105



Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: for iris/capsule retraction,
IOL displacement
Handle: round, titanium, Ø5 mm

BONN IRIS HOOK

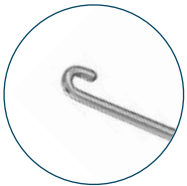
TME 104



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: Ø0.2 mm, 12 mm long
(from tip to bend)
Handle: round, titanium, Ø5 mm

MICROHOOK RIGHT

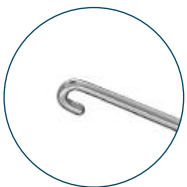
TME 111



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: Ø0.2 mm, curved to the right
Handle: round, titanium, Ø5 mm

MICROHOOK LEFT

TME 112



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: Ø0.2 mm, curved to the left
Handle: round, titanium, Ø5 mm

BONN IRIS HOOK WITH BALL

TME 142



Overall length: 120 mm, 4.7 inches
Working part: stainless, angled
Tip: ball Ø0.25 mm
Handle: round, titanium, Ø5 mm



HIRSHMAN IRIS HOOK &
LENS MANIPULATOR
TME 103



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: 0.65 x 0.2 mm
Handle: round, titanium, Ø5 mm

KUGLEN IRIS HOOK AND
IOL MANIPULATOR
TME 203



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: 0.65 x 0.7 x 0.2 mm
Handle: round, titanium, Ø5 mm

GRAETHER IRIS RETRACTOR
TME 110



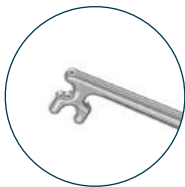
Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: for polished capsule
and retraction of iris
Handle: round, titanium, Ø5 mm

GRAETHER IRIS RETRACTOR
TME 101



Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: for polished capsule
and retraction of iris
Handle: round, titanium, Ø5 mm

KUGLEN HOOK
TME 125



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: 0.5 mm wide
Handle: round, titanium, Ø5 mm

OSHER "Y" HOOK (VERTICAL)

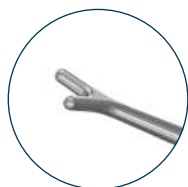
TME 106



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: «Y» - shaped tip
Handle: round, titanium, Ø5 mm

BECHERT «Y» HOOK (HORIZONTAL), ANGLED

TME 143



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: «Y» - shaped tip
Handle: round, titanium, Ø5 mm

HOOK PUSHER

TME 126



Overall length: 113 mm, 4.5 inches
Working part: stainless, angled
Tip: with a recess of 0.2 mm
Handle: round, titanium, Ø5 mm

HOOK MANIPULATOR

TME 118



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: ball Ø0.55 mm
Handle: round, titanium, Ø5 mm

MICROHOOK

TME 124



Overall length: 113 mm, 4.5 inches
Working part: stainless, angled
Tip: ball Ø0.5 mm
Handle: round, titanium, Ø5 mm



IOL MANIPULATION HOOK

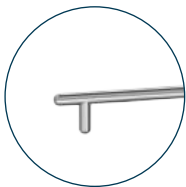
TME 115



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: teardrop - shaped
Handle: round, titanium, Ø5 mm

FENZL HOOK

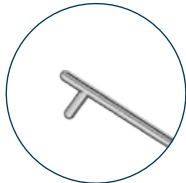
TME 116



Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: «T» - shaped tip
Handle: round, titanium, Ø5 mm

FENZL HOOK

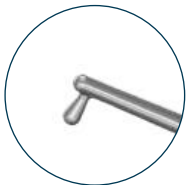
TME 117



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: «T» - shaped tip
Handle: round, titanium, Ø5 mm

IOL MANIPULATION LESTER HOOK

TME 145



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: drop-shaped, at an angle of 90°
Handle: round, titanium, Ø5 mm

IOL MANIPULATION LESTER HOOK

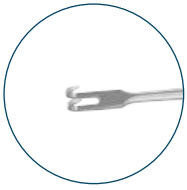
TME 146



Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: drop-shaped, at an angle of 90°
Handle: round, titanium, Ø5 mm

DOUBLE FIXATION HOOK, SMALL

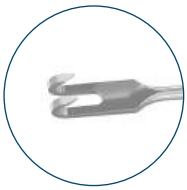
TME 114



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: 1.0 mm spread between sharp stainless tips
Handle: round, titanium, Ø5 mm

DOUBLE FIXATION HOOK, LARGE

TME 113



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: 1.3 mm spread between sharp stainless tips
Handle: round, titanium, Ø5 mm

LACHRYMAL SAC RETRACTOR

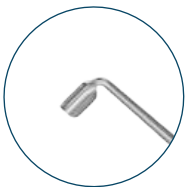
TME 144



Overall length: 125 mm, 4.9 inches
Working part: stainless
Tip: 1.0 mm spread between sharp stainless tips
Handle: round, titanium, Ø5 mm

HOOK MANIPULATOR

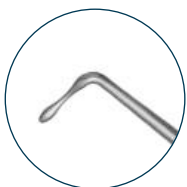
TME 119



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: 0.7 x 1.1 mm
Handle: round, titanium, Ø5 mm

MICROFINGER

TME 127



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.4 mm
Handle: round, titanium, Ø5 mm



GASS RETINAL DETACHMENT HOOK

TME 121



Overall length: 130 mm, 5.1 inches
Working part: stainless
Tip: flat, with a hole
Handle: round, titanium, Ø5 mm

JAMESON MUSCLE HOOK

TME 122



Overall length: 130 mm, 5.1 inches
Working part: stainless
Tip: pear-shaped, 3 mm
Handle: round, titanium, Ø5 mm

STRABISMUS HOOK

TME 123



Overall length: 130 mm, 5.1 inches
Working part: stainless
Tip: length 9 mm
Handle: round, titanium, Ø5 mm

STEVENS TENOTOMY HOOK

TME 129



Overall length: 140 mm, 5.5 inches
Working part: stainless
Tip: length 6 mm
Handle: round, titanium, Ø5 mm

AKAHOSHI HOOK

TME 147



Overall length: 112 mm, 4.4 inches
Working part: stainless, straight
Tip: inner Ø0.65 mm, outer Ø1 mm
Handle: round, titanium, Ø5 mm

GRAEFE MUSCLE HOOK
TME 133



Overall length: 140 mm, 5.5 inches
Working part: titanium
Tip: length 10 mm
Handle: round, titanium, Ø6 mm

GROOVED HOOK, LEFT
TME 134



Overall length: 140 mm, 5.5 inches
Working part: titanium
Tip: length 11 mm, width 2.5 mm
Handle: round, titanium, Ø6 mm

GROOVED HOOK, RIGHT
TME 135



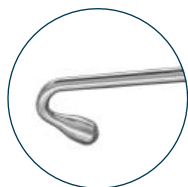
Overall length: 140 mm, 5.5 inches
Working part: titanium
Tip: length 11 mm, width 2.5 mm
Handle: round, titanium, Ø6 mm

DOUBLE HOOK
TME 136



Overall length: 140 mm, 5.5 inches
Working part: titanium
Tip: length 11.5 mm, double
Handle: round, titanium, Ø6 mm

HOOK FOR TEAR DUCTS
TME 170



Overall length: 180 mm, 7.1 inches
Working part: stainless
Tip: bulbous shape
Handle: round, titanium, Ø5 mm

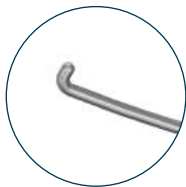
Hooks



REVERSE HOOK FOR DSAEK

TME 131

DSAEK / DMAEK / DMEK

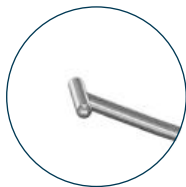


Overall length: 115 mm, 4.5 inches
Working part: stainless, curved
Tip: Ø0.2 mm
Handle: round, titanium, Ø5 mm

HOOK «T» SHAPED FOR DSAEK

TME 132

DSAEK / DMAEK / DMEK



Overall length: 115 mm, 4.5 inches
Working part: stainless, curved
Tip: "T" -shaped, 0.8 mm
Handle: round, titanium, Ø5 mm

SCRAPER DSAEK

TME 173

DSAEK / DMAEK / DMEK



Overall length: 108 mm, 4.3 inches
Working part: stainless, angled
Tip: 90°, length 0.15 mm
Handle: round, titanium, Ø5 mm

TORIC LENS MANIPULATOR

TME 172



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: teardrop - shaped
Handle: round, titanium, Ø5 mm

TORIC LENS MANIPULATOR

TME 174



Overall length: 115 mm, 4.5 inches
Working part: stainless, curved
Tip: teardrop - shaped
Handle: round, titanium, Ø5 mm

HOOK FOR KERATOPLASTY

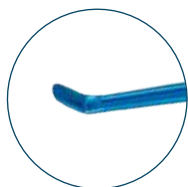
TME 244
DALK



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: Ø0.18 mm, 0.8 mm long
Handle: round, titanium, Ø5 mm

MICRO - HOOK SPRIDER

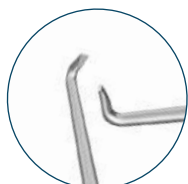
TKR 103
INTRASTROMAL SEGMENT



Overall length: 120 mm, 4.7 inches
Working part: titanium, straight
Tip: 2.4 x 0.9 mm
Handle: round, titanium, Ø6 mm

MICRODISSECTOR

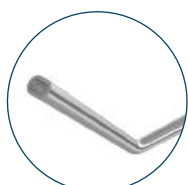
TKR 104
INTRASTROMAL SEGMENT



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: form like implant
Handle: round, titanium, Ø6 mm

SEGMENT PUSHER

TKR 112
INTRASTROMAL SEGMENT



Overall length: 120 mm, 4.7 inches
Working part: stainless, angled
Tip: 4.0 x 0.35 x 0.6 mm, recess at the end
Handle: round, titanium, Ø6 mm

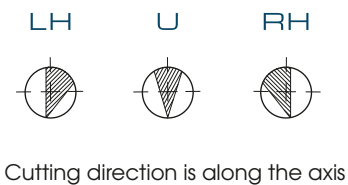
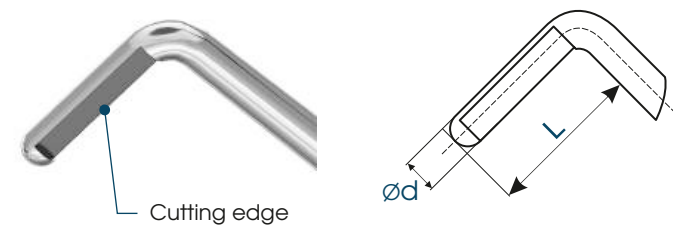
BUGALHO GUIDE

TKR 113
INTRASTROMAL SEGMENT



Overall length: 122 mm, 4.8 inches
Working part: stainless, angled
Tip: 5.3 x 0.6 x 0.25 mm
Handle: round, titanium, Ø6 mm

Choppers



NAGAHARA CHOPPER, TITANIUM



L	d		Code
1.70 mm	0.30 mm	U	TMK 106
1.50 mm	0.30 mm	U	TMK 107
1.20 mm	0.30 mm	U	TMK 108
1.45 mm	0.30 mm	RH	TMK 136
1.45 mm	0.30 mm	LH	TMK 137



Overall length: 112 mm, 4.4 inches
Working part: titanium, angled
Handle: round, titanium, Ø5 mm

NAGAHARA CHOPPER



L	d		Code
1.25 mm	0.25 mm	U	TMK 109
1.25 mm	0.25 mm	RH	TMK 110
1.25 mm	0.25 mm	LH	TMK 151



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

NAGAHARA CHOPPER



L	d		Code
1.45 mm	0.25 mm	RH	TMK 148
1.75 mm	0.25 mm	RH	TMK 148.2
1.95 mm	0.25 mm	RH	TMK 148.22
1.95 mm	0.25 mm	LH	TMK 1481
1.45 mm	0.25 mm	U	TMK 148U



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

NAGAHARA CHOPPER



L	d		Code
0.75 mm	0.25 mm	U	TMK 118
1.20 mm	0.25 mm	RH	TMK 157
0.75 mm	0.25 mm	LH	TMK 177
0.75 mm	0.25 mm	RH	TMK 178



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

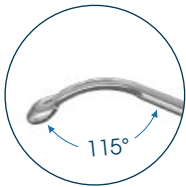
NAGAHARA CHOPPER WITH BOLB

TMK 112



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.8 mm, width 0.4 mm
Handle: round, titanium, Ø5 mm

SIEBEL CHOPPER



L	d		Code
1.30 mm	0.45 mm	RH	TMK 113
1.30 mm	0.45 mm	LH	TMK 153
1.30 mm	0.45 mm	U	TMK 173

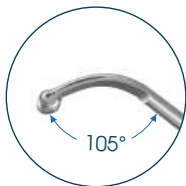


Общая длина: 112 мм
Рабочая часть: стальная, изогнутая
Ручка: круглая, титановая, Ø5 мм

Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

CHOPPER RASIN

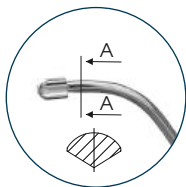
TMK 174



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.2 mm
Handle: round, titanium, Ø5 mm

CHOPPER - POLISHED

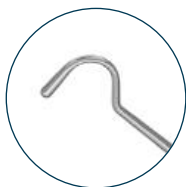
TMK 156



Overall length: 110 mm, 4.3 inches
Working part: stainless, angled
Tip: polishing tip having three edges
Handle: round, titanium, Ø5 mm

CHOPPER BY KOCH-MINAMI

TMK 146

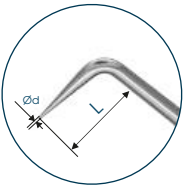


Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: rounded, Ø0.5 mm
Handle: round, titanium, Ø5 mm

Choppers



QUICK CHOPPER

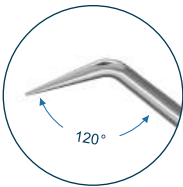


L	d	Code
1.30 mm	0.05 mm	TMK 114
1.50 mm	0.05 mm	TMK 115



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

CHOPPER QUICK
TMK 116



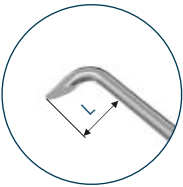
Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.7 mm, cone-shaped Ø0.05 mm
Handle: round, titanium, Ø5 mm

CHOPPER PHACONIT
TMK 117



Overall length: 112 mm, 4.2 inches
Working part: stainless, angled
Tip: length 0.75 mm
Handle: round, titanium, Ø5 mm

CHOPPER QUICK



L	Code
0.70 mm	TMK 155.07
1.70 mm	TMK 155.17



Overall length: 110 mm, 4.3 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

CHOPPER VERTICAL BY AGARWAL
TMK 144



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: 0.95 x 0.3 mm
Handle: round, titanium, Ø5 mm

CHOPPER AND PUSHER FOR SMALL PUPIL

TMK 119



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 0.7 mm
Handle: round, titanium, Ø5 mm

ROSEN CHOPPER

TMK 120



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.25 mm
Handle: round, titanium, Ø5 mm

QUICK CHOPPER WITH ROUNDED EDGES

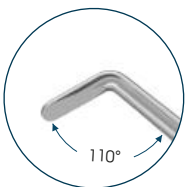


L		Code
1.20 mm	RH	TMK 132
1.20 mm	LH	TMK 133



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

NACHAMIN CHOPPER



L		Code
1.0 mm	RH	TMK 134
1.0 mm	LH	TMK 135



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

CHOPPER FOR CRUSHING THE CORE

TMK 159



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.2 mm
Handle: round, titanium, Ø5 mm



NAGAHARA CHOPPER
TMK 111



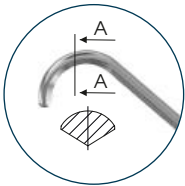
Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.3 mm, width 0.3 mm
Handle: round, titanium, Ø5 mm

CHOPPER GRANDALL - NAGAHARA
TMK 143



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.25 mm, Ø0.26 mm
Handle: round, titanium, Ø5 mm

CHOPPER CLAW
TMK 147



Overall length: 110 mm, 4.3 inches
Working part: stainless, angled
Tip: the bottom edge is sharpened
Handle: round, titanium, Ø5 mm

KOCH NUCLEUS SPATULA

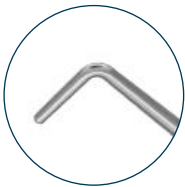
TMT 113

TMT 114



Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip: width 0.56 mm
Handle: round, titanium, Ø5 mm

KOCH CHOPPER
TMK 145



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: length 1.5 mm, Ø0.25 mm
Handle: round, titanium, Ø5 mm

CHOPPER FOR CRUSHING THE CORE, WITH A BALL

Overall length: 110 mm, 4.3 inches
Working part: stainless, angled
Tip: Ø0.4 mm
Handle: round, titanium, Ø5 mm

Cutting edge: back

L	Code
1.4 mm	TMK 802
1.9 mm	TMK 812

Cutting edge: front

L	Code
1.4 mm	TMK 803
1.9 mm	TMK 813

Cutting edge: right 90°

L	Code
1.4 mm	TMK 805
1.9 mm	TMK 815

Cutting edge: left 90°

L	Code
1.4 mm	TMK 807
1.9 mm	TMK 817

Cutting edges: front & back

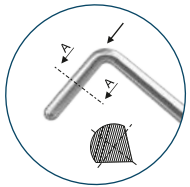
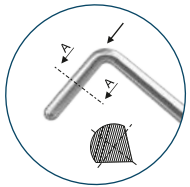
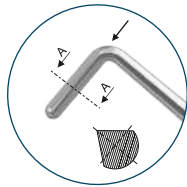
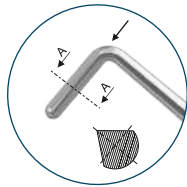
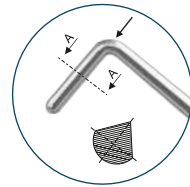
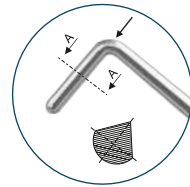
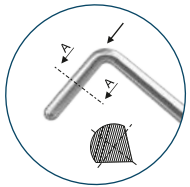
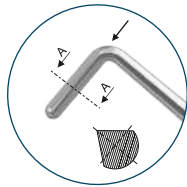
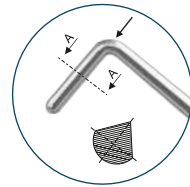
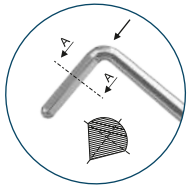
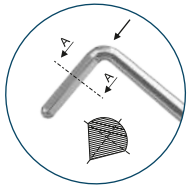
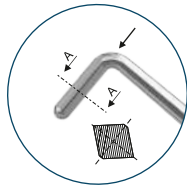
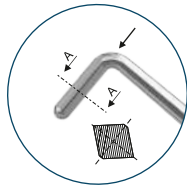
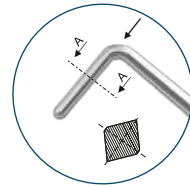
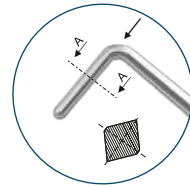
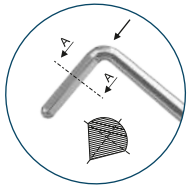
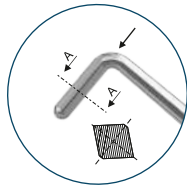
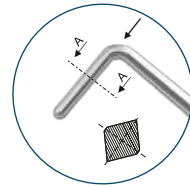
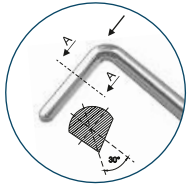
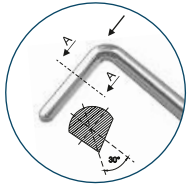
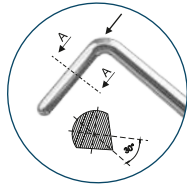
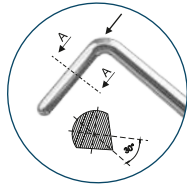
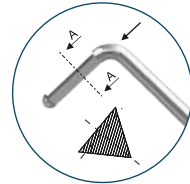
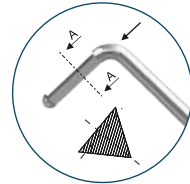
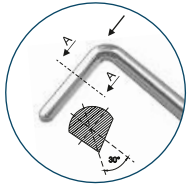
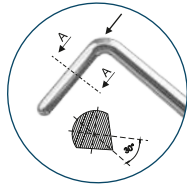
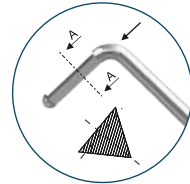
L	Code
1.4 mm	TMK 801
1.9 mm	TMK 811

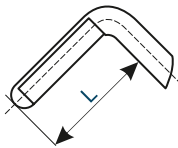
Cutting edge: left & right

L	Code
1.4 mm	TMK 808
1.9 mm	TMK 818

CHOPPER FOR CRUSHING THE CORE

Overall length: 110 mm, 4.3 inches
Working part: stainless, angled
Tip: Ø0.3 mm
Handle: round, titanium, Ø5 mm

Cutting edge: back <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 882</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 882</td></tr></table>	L	Code	1.4 mm	TMK 882	Cutting edge: front <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 883</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 883</td></tr></table>	L	Code	1.4 mm	TMK 883	Cutting edge: right 90° <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 885</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 885</td></tr></table>	L	Code	1.4 mm	TMK 885
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 882</td></tr></table>	L	Code	1.4 mm	TMK 882															
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L	Code																			
1.4 mm	TMK 885																			
Cutting edge: left 90° <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 887</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 887</td></tr></table>	L	Code	1.4 mm	TMK 887	Cutting edges: front & back <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 881</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 881</td></tr></table>	L	Code	1.4 mm	TMK 881	Cutting edges: left & right <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 888</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 888</td></tr></table>	L	Code	1.4 mm	TMK 888
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 887</td></tr></table>	L	Code	1.4 mm	TMK 887															
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1.4 mm	TMK 881																			
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 888</td></tr></table>	L	Code	1.4 mm	TMK 888															
L	Code																			
1.4 mm	TMK 888																			
Cutting edge: back, to the right by 30° <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 884</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 884</td></tr></table>	L	Code	1.4 mm	TMK 884	Cutting edge: back, to the left by 30° <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 889</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 889</td></tr></table>	L	Code	1.4 mm	TMK 889	Cutting edge: left 90° <table><tr><td></td><td><table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 890</td></tr></table></td></tr></table>		<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 890</td></tr></table>	L	Code	1.4 mm	TMK 890
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 884</td></tr></table>	L	Code	1.4 mm	TMK 884															
L	Code																			
1.4 mm	TMK 884																			
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 889</td></tr></table>	L	Code	1.4 mm	TMK 889															
L	Code																			
1.4 mm	TMK 889																			
	<table><tr><th>L</th><th>Code</th></tr><tr><td>1.4 mm</td><td>TMK 890</td></tr></table>	L	Code	1.4 mm	TMK 890															
L	Code																			
1.4 mm	TMK 890																			



TMK 201

Bechert "Y"



L - 0.7 mm

Rosen



L - 1.25 mm

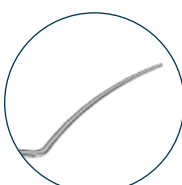
TMK 202

Nagahara



L - 1.25 mm

Spatula



L - 12 mm

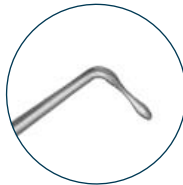
TMK 203

Nagahara



L - 1.25 mm

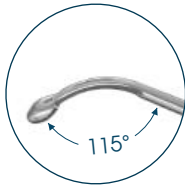
Microfinger



L - 1.4 mm

TMK 204

Siebel



L - 1.3 mm

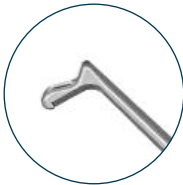
Bechert "Y"



L - 0.7 mm

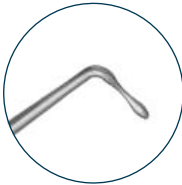
TMK 206

Small pupil



L - 0.7 mm

Microfinger



L - 1.4 mm

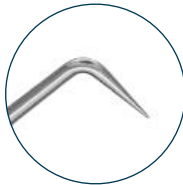
TMK 208

Bechert "Y"



L - 0.7 mm

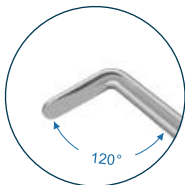
Quick



L - 1.3 mm

TMK 212

Nachamin



L - 1.0 mm

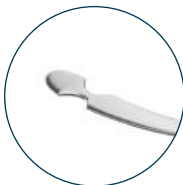
Quick



L - 1.3 mm

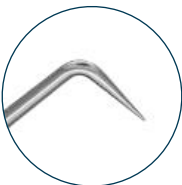
TMK 213

Koch



L - 0.56 mm

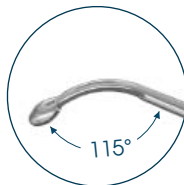
Quick



L - 1.3 mm

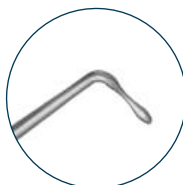
TMK 215

Siebel



L - 1.3 mm

Microfinger



L - 1.4 mm

TMK 205

Nagahara



L - 1.25 mm

Sinskey



L - 0.5 mm

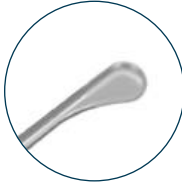
TMK 218

Nagahara



L - 1.25 mm

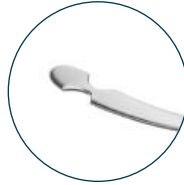
Drysdale



L - 1.6 mm

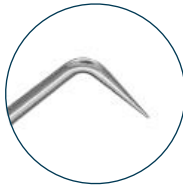
TMK 219

Koch



L - 0.56 mm

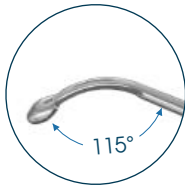
Quick



L - 1.5 mm

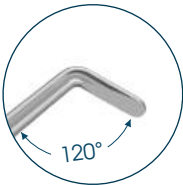
TMK 220

Siebel



L - 1.3 mm

Nachamin



L - 1.0 mm

TMK 223

Koch



L - 0.56 mm

Nagahara



L - 1.25 mm

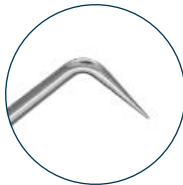
TMK 232

Nagahara



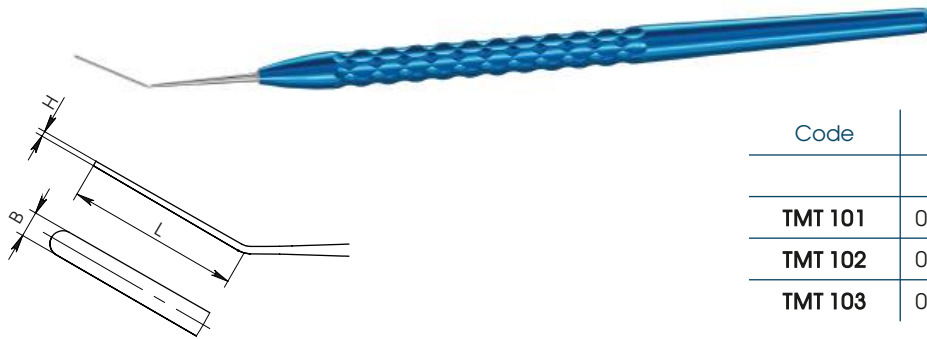
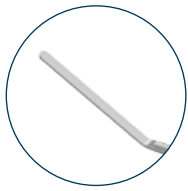
L - 1.25 mm

Quick



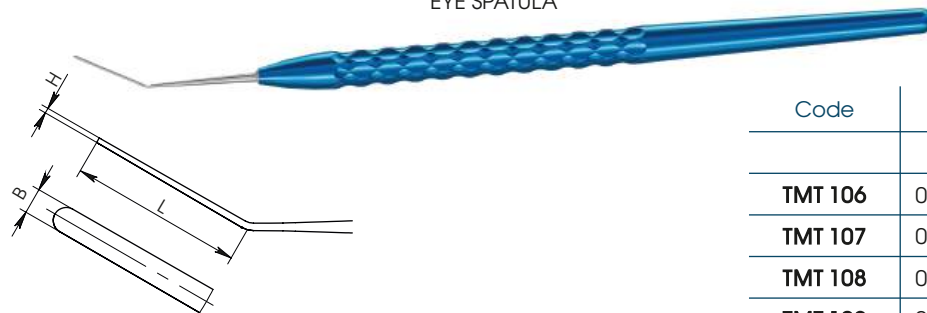
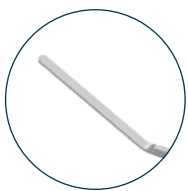
L - 1.5 mm

EYE SPATULA



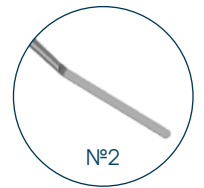
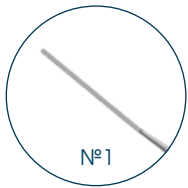
Code	Working part		
	H	L	B
TMT 101	0.3 mm	14 mm	0.5 mm
TMT 102	0.3 mm	14 mm	1.0 mm
TMT 103	0.3 mm	14 mm	1.5 mm

EYE SPATULA



Code	Working part		
	H	L	B
TMT 106	0.2 mm	10 mm	0.3 mm
TMT 107	0.2 mm	12 mm	0.5 mm
TMT 108	0.2 mm	12 mm	0.75 mm
TMT 109	0.2 mm	12 mm	1.0 mm

EYE SPATULA, DOUBLE-SIDED

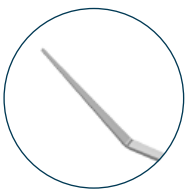


KoA / Code		Working part
TMT 105	N°1	length 14 mm, width 0.5 mm, thickness 0.3 mm
	N°2	length 14 mm, width 1.0 mm, thickness 0.3 mm
TMT 110	N°1	length 12 mm, width 0.25 mm, thickness 0.2 mm
	N°2	length 12 mm, width 0.5 mm, thickness 0.2 mm

Overall length: 130 mm, 5.1 inches

EYE SPATULA FOR WORK IN THE ANTERIOR CHAMBER AND SEPARATION OF SYNECHIAE

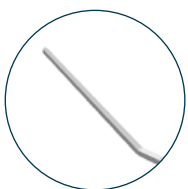
TMT 011



Overall length: 120 mm, 4.7 inches
Working part: stainless, angled, length 12 mm, width 1 - 0.3 mm, height 0.4 - 0.15 mm
Handle: round, titanium, Ø5 mm

EYE SPATULA

TMT 106I

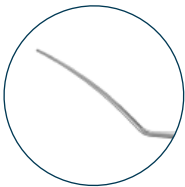


Overall length: 120 mm, 4.7 inches
Working part: stainless, angled, length 10 mm, width 0.3 mm, height 0.3 mm
Handle: round, titanium, Ø5 mm

Spatulas

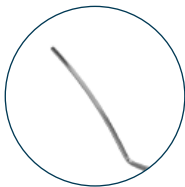


SPATULA "LASIK"
LASIK / Femto LASIK
TMT 111



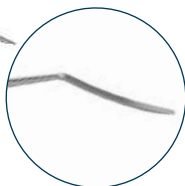
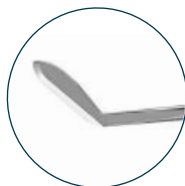
Overall length: 112 mm, 4.3 inches
Working part: stainless, angled,
length of the curved part is 12 mm
Tip: Ø0.25 mm
Handle: round, titanium, Ø5 mm

SPATULA "LASIK"
TMT 3723



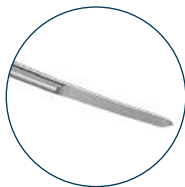
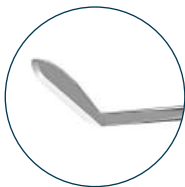
Overall length: 120 mm, 4.7 inches
Working part: stainless, curved
Tip: 0.3 x 0.2 mm
Handle: round, titanium, Ø5 mm

LINDSTROM LASIK/ PRK SPATULA
LASIK / Femto LASIK
TMT 112



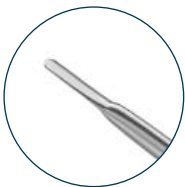
Overall length: 141 mm, 5.6 inches
Working part: stainless
Tip 1: scraper length 6.7 mm, height 1.7mm
Tip 2: length 10 mm, Ø0.05 mm
Handle: round, titanium, Ø5 mm

LINDSTROM LASIK / FEMTO LASIK
LASIK / Femto LASIK
TMT 327



Overall length: 140 mm, 5.6 inches
Working part: stainless
Tip 1: craper length 6.7 mm, height 1.7mm
Tip 2: length 9.0 mm, notches 7, 7.5, 8 mm
Handle: round, titanium, Ø5 mm

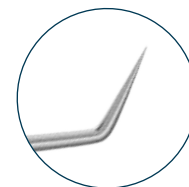
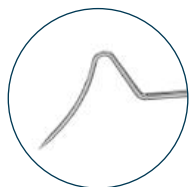
SPATULA FOR FEMTOSECOND
LASER PROCEDURE
TMT 304
FLACS



Overall length: 110 mm, 4.3 inches
Working part: stainless
Tip: 1.2 x 0.15 x 0.3 mm
Handle: round, titanium, Ø5 mm

FEMTO LASIK SPATULA

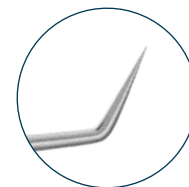
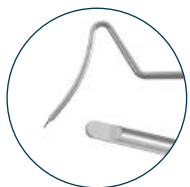
TMT 300 LASIK / Femto LASIK



Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip 1: curved, length 11 mm, Ø0.1 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLEx SMILE SPATULA

TMT 312 ReLEx SMILE



Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip 1: curved, length 9.3 mm, Ø0.5 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLEx SMILE SPATULA

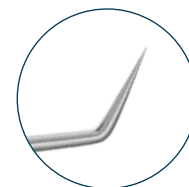
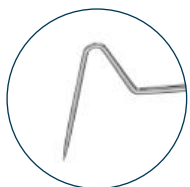
TMT 332 ReLEx SMILE



Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip 1: length 9.3 mm, Ø0.9 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

FEMTO LASIK SPATULA

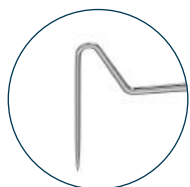
TMT 321 LASIK / Femto LASIK



Overall length: 117 mm, 4.6 inches
Working part: stainless
Tip 1: angled 100°, length 11 mm, Ø0.1 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

FEMTO LASIK SPATULA

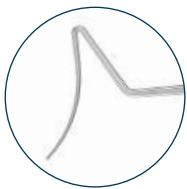
TMT 322 LASIK / Femto LASIK



Overall length: 116 mm, 4.6 inches
Working part: stainless
Tip 1: angled 90°, length 11 mm, Ø0.1 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

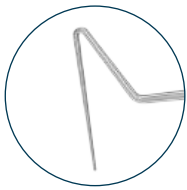


FEMTO LASIK SPATULA
TMT 330
LASIK / Femto LASIK



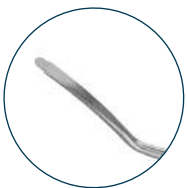
Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip 1: length 13 mm, Ø0.3 mm
Tip 2: length 1.8 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

FEMTO LASIK SPATULA
TMT 331
LASIK / Femto LASIK



Overall length: 112 mm, 4.4 inches
Working part: stainless
Tip 1: length 13 mm, Ø0.3 mm
Tip 2: length 1.8 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

FEMTO LASIK SPATULA
TMT 301
LASIK / Femto LASIK



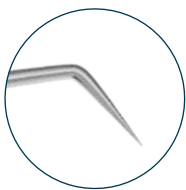
Overall length: 112 mm, 4.4 inches
Working part: stainless
Tip: width 0.8 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA
TMT 318
ReLex SMILE / CLEAR



Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip 1: length 9.5 mm, Ø0.3 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA
TMT 328
ReLex SMILE / CLEAR



Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip 1: length 8.5 mm, Ø0.3 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA

TMT 314

ReLex SMILE / CLEAR

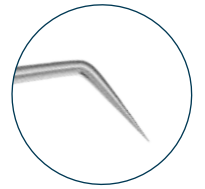


Overall length: 110 mm, 4.3 inches
Working part: stainless
Tip 1: Ø1.25 mm in the form of a spoon
Tip 2: length 9 mm, notches 7, 7.5, 8 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA

TMT 324

ReLex SMILE / CLEAR

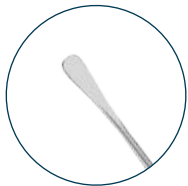


Overall length: 112 mm, 4.4 inches
Working part: stainless
Tip 1: width 1.25 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA

TMT 325

ReLex SMILE / CLEAR

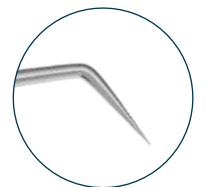


Overall length: 125 mm, 4.9 inches
Working part: stainless
Tip 1: width 0.8 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA

TMT 326

ReLex SMILE / CLEAR

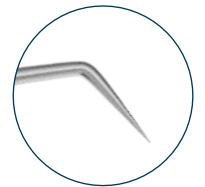
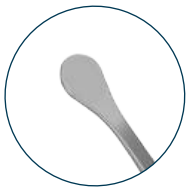


Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip 1: 2 x 1.2 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLex SMILE SPATULA

TMT 344

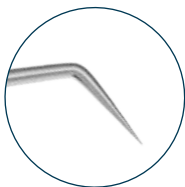
ReLex SMILE / CLEAR



Overall length: 114 mm, 4.5 inches
Working part: stainless
Tip 1: length 2.4 mm, width 1.25 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

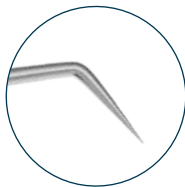


ReLEx SMILE SPATULA
TMT 354
ReLEx SMILE / CLEAR



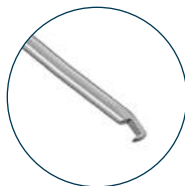
Overall length: 110 mm, 4.3 inches
Working part: stainless
Tip 1: 0.95 x 0.8 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLEx SMILE SPATULA
TMT 334
ReLEx SMILE / CLEAR



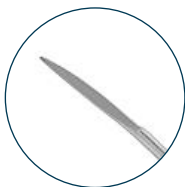
Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip 1: 2.0 x 1.8 mm
Tip 2: length 1.5 mm, Ø0.15 mm
Handle: round, titanium, Ø5 mm

ReLEx SMILE SPATULA
TMT 319
ReLEx SMILE / CLEAR



Overall length: 110 mm, 4.3 inches
Working part: stainless
Handle: round, titanium, Ø5 mm

FEMTO MICROSPATULA
TMT 315
FLACS



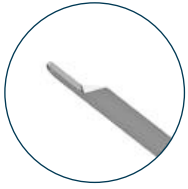
Overall length: 115 mm, 4.5 inches
Working part: stainless
Tip: anise-shaped spatula 0.8 mm wide,
for opening incisions
created by femtolaser
Handle: round, titanium, Ø5 mm

NUCLEUS SPLITTER
TMT 316
FLACS



Overall length: 110 mm, 4.3 inches
Working part: stainless
Tip: lance-shaped spatula 0.8 mm wide,
for opening incisions
created by femtolaser
Handle: round, titanium, Ø5 mm

TRISECTOR FOR DALK
TMT 309
DALK



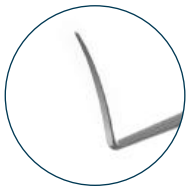
Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
Tip: 12 x 0.7 x 0.15 mm
Handle: round, titanium, Ø5 mm

SPATULA FOR DALK
TMT 310
DALK



Overall length: 115 mm, 4.5 inches
Working part: stainless, angled
length 10 mm, width 1.1 mm, height 0.15 mm
Handle: round, titanium, Ø5 mm

SPATULA DISSECTOR FOR DALK
TMT 311
DALK



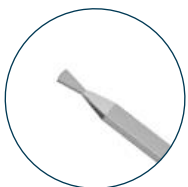
Overall length: 115 mm, 4.5 inches
Working part: stainless, curved
Tip: blunted, length 12.5 mm
Handle: round, titanium, Ø5 mm

GUIDING SPATULA
FOR CORNEAL ENDOTHELIUM IMPLANTATION
TMT 120
DSAEK/DMAEK/DMEK



Overall length: 115 mm, 4.5 inches
Working part: titanium
Handle: round, titanium, Ø5 mm

SPATULA FOR TRABECULOTOMY
TMT 121



Overall length: 120 mm, 4.7 inches
Working part: stainless, angled
Tip: 0.7 x 0.1 x 14 mm
Handle: round, titanium, Ø5 mm



DEGREE MARKER TORICAL IOL
TKR 101
INTRAstromAL SEGMENT



Overall length: 120 mm, 4.7 inches
Working part: titanium
Tip: ring OD 15 mm; ID 12 mm
- double scale from 0° to 180°
Handle: round, titanium, Ø5 mm

TUNNELS SPATULA
INTRAstromAL SEGMENT



TKR 106

Right

Overall length: 32 mm, 1.3 inches
Working part: stainless
Handle: titanium, Ø20.5 mm



TKR 107

Left

Overall length: 32 mm, 1.3 inches
Working part: stainless
Handle: titanium, Ø20.5 mm

TUNNELS SPATULA
INTRAstromAL SEGMENT



TKR 121



TKR 122



Overall length: 95 mm, 3.7 inches
Working part: stainless, angled
Handle: round, titanium, Ø5 mm

DOUBLE MARKER FOR CORNEAL RINGS
TKR 102
INTRAstromAL SEGMENT



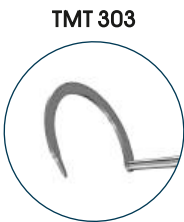
Use with TKR 101

Handle: round, titanium, Ø5 mm

FEMTO SPATULA
INTRAstromAL SEGMENT



TMT 302



TMT 303



Overall length: 120 mm, 4.7 inches
Working part: Ø5.8 mm, stainless
Handle: round, titanium, Ø5 mm

Corneal tunnel spatulas are made to fit the size of the intraStromal segment.

SPATULA FOR SCLEROPLASTY
TMT 130



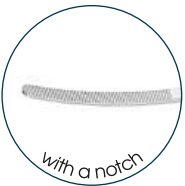
Overall length: 135 mm, 5.3 inches
Working part: titanium
Blade sizes: 14.4 x 9.0 x 0.6 mm,
11.3 x 7.5 x 0.6 mm

IRIS - SPATULA
TMT 131



Overall length: 135 mm, 5.3 inches
Working part: stainless
Tip: width 2.0 mm
Handle: round, titanium, Ø5 mm

SPATULA FOR TRANSLANTAT,
WITH NOTCHES
TMT 132



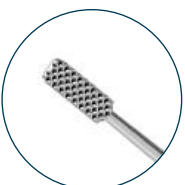
Overall length: 135 mm, 5.3 inches
Working part: stainless
Tip: width 2.0 mm
Handle: round, titanium, Ø5 mm

PATON SPATULA AND SPOON,
DOUBLE-SIDED
TMT 323



Overall length: 150 mm, 5.9 inches
Working part: stainless
Tip 1: length 17 mm, width 6 mm
Tip 2: length 10 mm, width 2 mm
Handle: round, titanium, Ø5 mm

POLISHER SPATULA
TMT 305



Overall length: 116 mm, 4.6 inches
Working part: stainless
Tip: 3.0 x 1.0 x 0.45 mm
Handle: round, titanium, Ø5 mm



SATO KNIFE
TMK 101



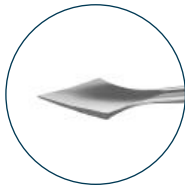
Overall length: 115 mm, 4.5 inches
Working part: stainless, straight
Tip: length 1.0 mm
Handle: round, titanium, Ø5 mm

CAPSULOTOM
TMK 103



Overall length: 110 mm, 4.5 inches
Working part: stainless, angled
Tip: beak-shaped tip
Handle: round, titanium, Ø5 mm

KNIFE FOR REMOVING FOREIGN BODIES
TMK 121



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: delicate, shaped like an arrowhead
Handle: round, titanium, Ø5 mm

DRISDALE LENS CRUSHING KNIFE



TMK 104
Angled

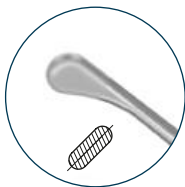


TMK 105
Curved



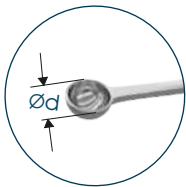
Overall length: 110 mm, 4.3 inches
Tip: 2.0 x 0.9 x 0.35 mm
Handle: round, titanium, Ø5 mm

NUCLEUS MANIPULATOR AND CAPSULE POLISHER,
BY DRYSDALE
TMK 131



Overall length: 112 mm, 4.4 inches
Working part: stainless, angled
Tip: 1.6 x 0.7 x 0.25 mm
Handle: round, titanium, Ø5 mm

CHALAZION CURETTE

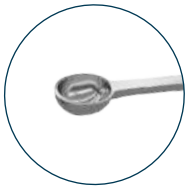


d	Code
1.50 MM	TMK 123
1.75 MM	TMK 124
2.00 MM	TMK 125
2.50 MM	TMK 126
3.00 MM	TMK 127
3.50 MM	TMK 128



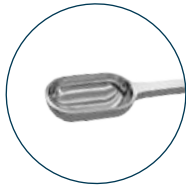
Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Handle: round, titanium, Ø5 mm

CHALAZION CURETTE TMK 129



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: 2.5 x 2.0 mm
Handle: round, titanium, Ø5 mm

CHALAZION CURETTE TMK 130



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: 4.0 x 2.5 mm
Handle: round, titanium, Ø5 mm

CURETTE FOR EVISCERATION



d	Code
13 MM	TMK 062
8 MM	TMK 063



Overall length: 115 mm, 4.7 inches
Working part: stainless, straight
Handle: round, titanium, Ø5 mm

ASTIGMATIC KERATOMETER, BY MELONI TMK 300



Overall length: Ø31 mm, 1.2 inches



TMK 660 Ø16 mm
TMK 661 Ø18 mm



PK

Set for donor cornea



TMA 105



DSAEK / DMAEK / DMEK
PK



EYE TREPHINE CONIC

Trephine	Code
5.00 mm	TMK 600
5.50 mm	TMK 601
6.00 mm	TMK 602
6.50 mm	TMK 603
6.75 mm	TMK 604
7.00 mm	TMK 605
7.25 mm	TMK 606
7.50 mm	TMK 607

Trephine	Code
7.75 mm	TMK 608
8.00 mm	TMK 609
8.25 mm	TMK 610
8.50 mm	TMK 611
8.75 mm	TMK 612
9.00 mm	TMK 613
9.50 mm	TMK 614
10.00 mm	TMK 615

EYE TREPHINE WITH TITANIUM HANDLE

PK



Trephine	Code
5.00 mm	TMK 700
5.50 mm	TMK 701
6.00 mm	TMK 702
6.50 mm	TMK 703
6.75 mm	TMK 704
7.00 mm	TMK 705
7.25 mm	TMK 706
7.50 mm	TMK 707

Trephine	Code
7.75 mm	TMK 708
8.00 mm	TMK 709
8.25 mm	TMK 710
8.50 mm	TMK 711
8.75 mm	TMK 712
9.00 mm	TMK 713
9.50 mm	TMK 714
10.00 mm	TMK 715

TORNTON 3 / 4 FIXATION RING

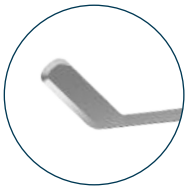


Ø Рабочей части	Code	Ø Working part
16 mm	TMZ 101	16 mm
14 mm	TMZ 102	14 mm
13 mm	TMZ 103	13 mm
12 mm	TMZ 104	12 mm

Overall length: 135 mm, 5.3 inches
Working part: titanium
Handle: round, titanium, Ø5 mm

KNIFE IN THE FORM OF A HOCKEY STICK

TMK 122
PRK / LASEK



Overall length: 120 mm, 4.7 inches
Working part: stainless, straight
Tip: 6.0 x 2.5 mm, sharpening from the outside
Handle: round, titanium, Ø5 mm

LASEK TREPHIN

PRK / LASEK

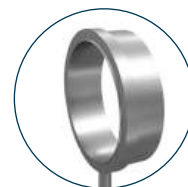


Code	Ø Working part
TMZ 107	8.0 mm
TMZ 105	8.5 mm
TMZ 108	9.0 mm
TMZ 106	9.5 mm

Overall length: 120 mm, 4.7 inches
Working part: titanium
Handle: round, titanium, Ø5 mm

LASEK TREPHIN

PRK / LASEK

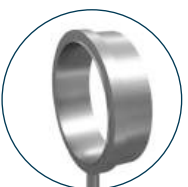


Code	Ø Working part
TMZ 110	8.0 mm
TMZ 111	9.0 mm

Overall length: 120 mm, 4.7 inches
Working part: stainless
Handle: round, titanium, Ø5 mm

TREPHANE AND FUNNEL FOR LASEK

PRK / LASEK



Code	Ø Working part
TMZ 115	8.0 & 8.5 mm
TMZ 116	9.0 & 9.5 mm

Overall length: 130 mm, 5.1 inches
Working part: stainless, titanium
Handle: round, titanium, Ø5 mm



SCLERAL DEPRESSOR
TMD 101



Overall length: 125 mm, 4.9 inches
Working part: stainless, angled
Tip: Ø2.5 mm, length 15.7 mm
Handle: round, titanium, Ø6 mm

SCLERAL DEPRESSOR
TMD 102



Overall length: 135 mm, 5.3 inches
Working part: stainless
Tip 1: Ø2.5 mm, width 6.5 mm
Tip 2: Ø2.5 mm, width 1.0 mm
Handle: round, titanium, Ø6 mm

SCLERAL DEPRESSOR
TMD 103



Overall length: 120 mm, 4.7 inches
Working part: stainless, curved
Tip: ball Ø2.5 mm
Handle: round, titanium, Ø5 mm

SCLERAL DEPRESSOR
TMD 105



Overall length: 145 mm, 5.7 inches
Working part: stainless
Tip 1: Ø7 mm, width 3.1 mm
Tip 2: Ø4.5 mm, width 1.9 mm
Handle: round, titanium, Ø5 mm

ORBITAL SPATULA
TMT 306



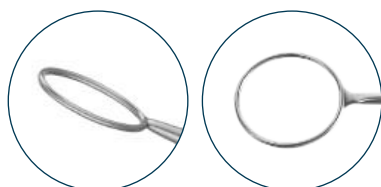
Overall length: 150 mm, 5.9 inches
Working part: titanium
Tip: groove width 4 mm
Handle: flat, titanium

WEBER LOOP TML 101



Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip: 6 x 9 mm, with crosshair
Handle: round, titanium, Ø5 mm

LOOP TML 1011



Overall length: 117 mm, 4.6 inches
Working part: stainless
Tip: Ø5 mm
Handle: round, titanium, Ø5 mm

WILDER LOOP

TML 102

TML 1024



Overall length: 125 mm, 4.9 inches
Working part: stainless
Tip: 4 x 15 mm
Handle: round, titanium, Ø5 mm

LOOP TML 103



Overall length: 130 mm, 5.1 inches
Working part: stainless
Tip: 6 x 11 mm
Handle: round, titanium, Ø5 mm

THERMOCAUTER TMW 101



Overall length: 130 mm, 5.1 inches
Handle: round, titanium, Ø6 mm



MARKER HORIZONTAL
FOR TORIC IOL

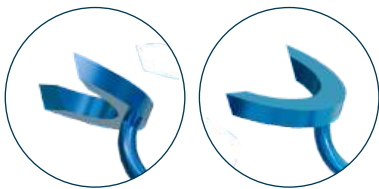
TMM 101



Overall length: 90 mm, 3.5 inches
Working part: stainless
Tip: half-ring Ø14 mm (3 points 0°, 90°, 180°)
Handle: round, titanium, Ø5.5 mm

TMM 102

MARKER HORIZONTAL
FOR TORIC IOL



Overall length: 80 mm, 3.2 inches
Working part: titanium
Tip: half-ring Ø15 mm (2 lines 0°, 180°)
Handle: round, titanium, Ø8 mm

TORIC IOL MARKER

TMM 103



Overall length: 125 mm, 4.7 inches
Working part: titanium
Tip: scale is double from 0° to 180°
Handle: round, titanium, Ø5 mm

TMM 200



TORICAL IOL MARKER (USE WITH TMM 200)



Overall length: 120 mm, 4.7 inches
Working part: titanium
Tip: ring OD 15 mm; ID 12 mm
- double scale from 0° to 180°
Handle: round, titanium, Ø5 mm

TMM 300



Overall length: 120 mm, 4.7 inches
Working part: titanium
Tip: half-ring for mark of meridian 12 mm
Handle: round, titanium, Ø5 mm

MARKER FOR TORIC IOL BY TRUBILIN
(USED WITH TMM 200)

TMM 105



Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip: ring Ø5.5 mm (size of capsulorhexis)
- two blades for mark of meridian Ø11.5 mm
Handle: round, titanium, Ø5 mm

MARKER 3-LOBED

TMM 125

CLEAR

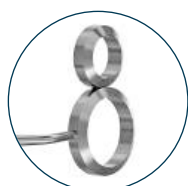


Overall length: 120 mm, 4.7 inches
Working part: titanium
Tip: titanium lobed, outer Ø12 mm
Handle: round, titanium, Ø5 mm

GULINI LASIK MARKER

TMM 113

LASIK / Femto LASIK

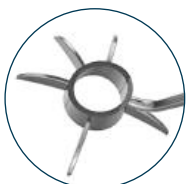


Overall length: 110 mm, 4.3 inches
Working part: stainless
Tip: two steel rings Ø2.5 mm and Ø4 mm
Handle: round, titanium, Ø5 mm

MARKER FOR LASIK IS ASYMMETRICAL,
5-LOBED

TMM 114

LASIK / Femto LASIK

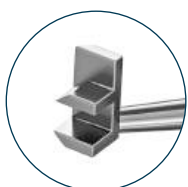


Overall length: 120 mm, 4.7 inches
Working part: stainless
Tip: stainless lobed, outer Ø14 mm
Handle: round, titanium, Ø5 mm

MARKER "F"-SHAPED FOR DMEK

TMM 115

DSAEK / DMAEK / DMEK

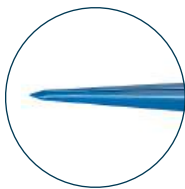


Overall length: 95 mm, 3.7 inches
Working part: stainless
Tip: marker in the shape of the letter "F" with 2 mm tips for marking the lenticula in DMEK procedures
Handle: round, titanium, Ø5 mm

Markers



CASTROVIEJO CALIPER
TMM 104



Overall length: 85 mm, 3.4 inches
Working part: titanium
Tip: division scale is from 0 to 20 mm

CASTROVIEJO CALIPER
TMM 124



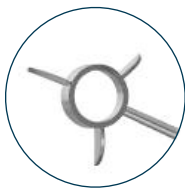
Overall length: 85 mm, 3.4 inches
Working part: titanium
Tip: division scale is from 0 to 20 mm

MARKER
TMM 120



Overall length: 50 mm, 1.9 inches
Working part: working parts width:
yellow 3.5mm, blue 4.0 mm
Handle: round, titanium, Ø5 mm

THORNTON RADIAL MARKER

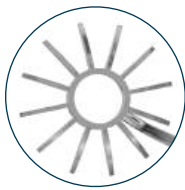


Petals (pcs.)	Code
3	TMM 106.3
4	TMM 106.4
5	TMM 106.5



Overall length: 120 mm, 4.7 inches
Working part: stainless
External dia: 12 mm
Handle: round, titanium, Ø5 mm

THORNTON RADIAL MARKER
DALK



Petals (pcs.)	Code
4	TMM 107.4
6	TMM 107.6
8	TMM 107.8
10	TMM 107.10
12	TMM 107.12
16	TMM 107.16



Overall length: 120 mm, 4.7 inches
Working part: stainless
External dia: 14 mm
Handle: round, titanium, Ø5 mm

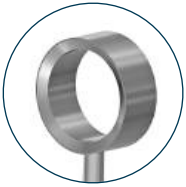
HOFFER OPTIC ZONE MARKER WITH CENTERING PIN

DALK



Ø internal	Code	Ø internal	Code	Ø internal	Code
5.0	TMM 108.5	6.5	TMM 108.65	8.0	TMM 108.8
5.5	TMM 108.55	7.0	TMM 108.7	8.5	TMM 108.85
6.0	TMM 108.6	7.5	TMM 108.75	9.0	TMM 108.9

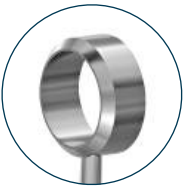
MARKER OF EXTERNAL OPTICAL ZONE



Ø external	Code	Ø external	Code	Ø external	Code
5.0	TMM 110.5	6.5	TMM 110.65	8.0	TMM 110.8
5.5	TMM 110.55	7.0	TMM 110.7	8.5	TMM 110.85
6.0	TMM 110.6	7.5	TMM 110.75	9.0	TMM 110.9

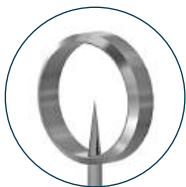
MARKER OF INTERNAL OPTICAL ZONE

DALK



Ø internal	Code	Ø internal	Code	Ø internal	Code
5.0	TMM 111.5	6.5	TMM 111.65	8.0	TMM 111.8
5.5	TMM 111.55	7.0	TMM 111.7	8.5	TMM 111.85
6.0	TMM 111.6	7.5	TMM 111.75	9.0	TMM 111.9

OPTICAL ZONE MARKER WITH CENTRALIZERBY THORNTON



Ø internal	Code	Ø internal	Code	Ø internal	Code
5.0	TMM 112.5	6.5	TMM 112.65	8.0	TMM 112.8
5.5	TMM 112.55	7.0	TMM 112.7	8.5	TMM 112.85
6.0	TMM 112.6	7.5	TMM 112.75	9.0	TMM 112.9

MARKER IS TWO-SIDED

Ø d1



Ø d2



Ø d1	Ø d2	Code
6.0 mm	6.5 mm	TMM 211.6
7.0 mm	7.5 mm	TMM 211.7
8.0 mm	8.5 mm	TMM 211.8
8.0 mm	9.0 mm	TMM 211

Overall length: 120 mm, 4.7 inches

Injectors



INJECTOR FOR IOL IMPLANTATION
TMJ 101



INJECTOR FOR IOL IMPLANTATION
TMJ 103



INJECTOR FOR IOL IMPLANTATION
TMJ 113



INJECTOR FOR IOL IMPLANTATION
TMJ 106

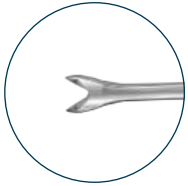


INJECTOR FOR IOL IMPLANTATION
TMJ 116



INJECTOR FOR IOL IMPLANTATION

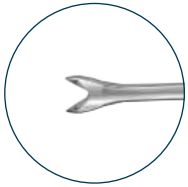
TMJ 107



Overall length: 170 mm, 6.7 inches
Mechanism: plunger
Destined: IOL "TECNIS"

INJECTOR FOR IOL IMPLANTATION

TMJ 110



Overall length: 160 mm, 6.3 inches
Mechanism: plunger
Destined: IOL "TECNIS"

INJECTOR FOR THE CAPSULAR TENSION RING INSERTION

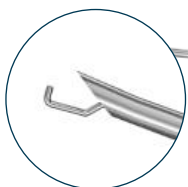
TMJ 114



Overall length: 160 mm, 6.3 inches
Mechanism: plunger

INJECTOR FOR IMPLANTATION INTRACAPSULAR RINGS

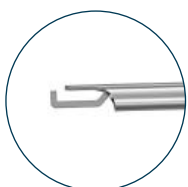
TMJ 104



Overall length: 160 mm, 6.3 inches
Mechanism: plunger
Working part: length 18 mm, Ø1.2 mm

INJECTOR FOR IOL IMPLANTATION IRIS RETRACTOR

TMJ 105



Overall length: 140 mm, 5.5 inches
Mechanism: plunger
Working part: 1.7 x 1.1 mm



BOWMAN LACRIMAL PROBE



Code	Working part
TMP 101	size 0000 & 000 (Ø0.5 and Ø0.6)
TMP 102	size 00 & 0 (Ø0.7 and Ø0.8)
TMP 103	size 1 & 2 (Ø0.9 and Ø1.1)
TMP 104	size 3 & 4 (Ø1.3 and Ø1.4)
TMP 105	size 5 & 6 (Ø1.5 and Ø1.6)
TMP 106	size 7 & 8 (Ø1.8 and Ø1.9)

Overall length: 130 mm, 5.1 inches

QUICKERT LACRIMAL INTUBATION PROBE



Code	Working part
TMP 201	size 00 (Ø0.7)
TMP 202	size 0 (Ø0.8)
TMP 203	size 1 (Ø0.9)
TMP 204	size 2 (Ø1.1)
TMP 205	size 3 (Ø1.3)
TMP 206	size 4 (Ø1.4)

Overall length: 110 mm, 4.3 inches

QUICKERT LACRIMAL INTUBATION PROBE



Code	Working part
TMP 211	size 1 (Ø0.25)
TMP 212	size 2 (Ø0.50)
TMP 213	size 3 (Ø0.75)

Overall length: 80 mm, 3.2 inches

LACRIMAL PROBE



Ø d1	Ø d2	Code
Ø8.0 mm	Ø8.0 mm	TMP 301
Ø12.0 mm	Ø12.0 mm	TMP 302

Overall length: 110 mm, 4.3 inches

WILDER LACRIMAL DILATOR



Code	Working part
TMP 701	short cone 19 mm
TMP 702	middle cone 23 mm
TMP 703	long cone 32 mm

Overall length: 100 mm, 3.9 inches

MALDON LACRIMAL DILATOR

TMP 704



Overall length: 100 mm, 3.9 inches
Working part: titanium
Tip: cylinder, Ø0.35 mm
Handle: round, titanium, Ø3 mm

ENDED LACRIMAL DILATOR

TMP 705



Overall length: 100 mm, 3.9 inches
Working part: titanium
Tip 1: Ø0.15 mm, length 24 mm
Tip 2: Ø0.20 mm, length 20 mm

LACRIMAL PROBE WITH LONGITUDINAL GROOVE

TMP 400



Overall length: 112 mm, 4.4 inches
Working part: stainless
Tip: hollow probe for
silicone drainage

LACRIMAL PROBE

TMP 401



Overall length: 112 mm, 4.4 inches
Working part: stainless
Tip: probe for
silicone drainage



HANDLE FOR CANNULAS (ADAPTER LUER)
TMN 101



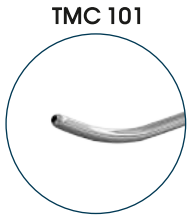
Overall length: 100 mm, 3.9 inches
Working part: titanium
Handle: round, titanium, Ø6 mm

HANDLE WITH CHANNEL
TMN 102



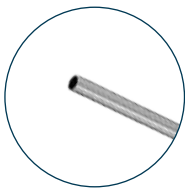
Overall length: 105 mm, 4.1 inches
Working part: titanium
Handle: round, titanium, Ø8 mm

ASPIRATION CANNULA,
FRONT CHAMBER



Overall length: 38 mm, 1.5 inches
Tube: 20G, 0.9 mm external diameter
Aspiration port: Ø0.4 mm

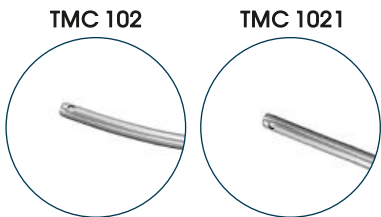
CANNULA FOR SUBTENON
ANESTHESIA



G21 (0.8 mm)	TMC 117.08
G19 (1.0 mm)	TMC 117.10
G17 (1.2 mm)	TMC 117.12
G16 (1.6 mm)	TMC 117.16

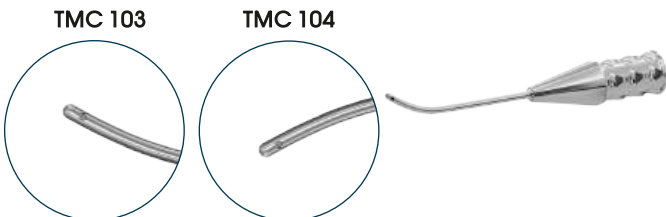
Overall length: 48 mm, 1.9 inches
Working part: curved, stainless

ASPIRATION CANNULA,
SIMCOE



Overall length: 38 mm, 1.5 inches
Tube: 23G, 0.6 mm external diameter
Aspiration port: Ø0.3 mm

ASPIRATION CANNULA,
SIMCOE



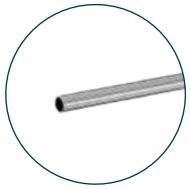
Overall length: 38 mm, 1.5 inches
Tube: 23G, 0.6 mm external diameter
Aspiration port: Ø0.3 mm

IRRIGATION / ASPIRATION CANNULA
TMC 122



Overall length: 160 mm, 6.3 inches
Working part: stainless
Tip: 23G, external diameter 0.6 mm,
adapter "LUER"

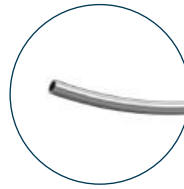
IRRIGATION CANNULA



G27 (0.4 mm)	TMC 126.4
G25 (0.5 mm)	TMC 126.5
G23 (0.6 mm)	TMC 126.6
G22 (0.7 mm)	TMC 126.7
G21 (0.8 mm)	TMC 126.8
G20 (0.9 mm)	TMC 126.9
G19 (1.0 mm)	TMC 126.10

Overall length: 53 mm, 2.1 inches

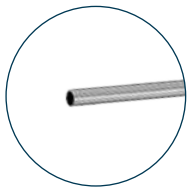
IRRIGATION CANNULA



G27 (0.4 mm)	TMC 127.4
G25 (0.5 mm)	TMC 127.5
G23 (0.6 mm)	TMC 127.6
G22 (0.7 mm)	TMC 127.7
G21 (0.8 mm)	TMC 127.8
G20 (0.9 mm)	TMC 127.9
G19 (1.0 mm)	TMC 127.10

Overall length: 53 mm, 2.1 inches

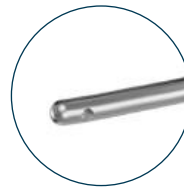
IRRIGATION CANNULA



G23 (0.6 mm)	TMC 128.6
G21 (0.8 mm)	TMC 128.8
G20 (0.9 mm)	TMC 128.9
G19 (1.0 mm)	TMC 128.10

Overall length: 83 mm, 3.3 inches

IRRIGATION CANNULA



G25 (0.5 mm)	TMC 129.5
G23 (0.6 mm)	TMC 129.6
G22 (0.7 mm)	TMC 129.7
G21 (0.8 mm)	TMC 129.8
G20 (0.9 mm)	TMC 129.9

Overall length: 83 mm, 3.3 inches

IRRIGATION CANNULA, FOR LASIK

LASIK / Femto LASIK

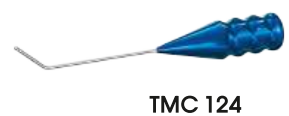
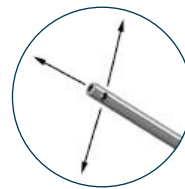


TMC 110

Overall length: 38 mm, 1.5 inches
Tube: 25G

IRRIGATION CANNULA, "LASIK"

LASIK / Femto LASIK

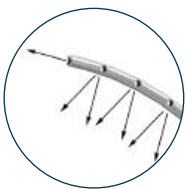


TMC 124

Overall length: 38 mm, 1.5 inches
Tube: 25G, 0.5 mm external diameter

IRRIGATION CANNULA, FOR LASIK

LASIK / Femto LASIK

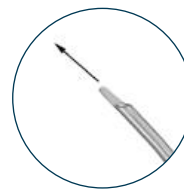


TMC 110.7

Overall length: 38 mm, 1.5 inches
Tube: 25G

IRRIGATION CANNULA, "LASIK"

LASIK / Femto LASIK



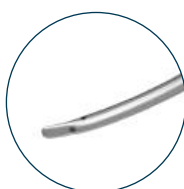
TMC 125

Overall length: 38 mm, 1.5 inches
Tube: 25G, 0.5 mm external diameter

IRRIGATION CANNULA, TIP 23G

TMC 707

LASIK / Femto LASIK



Overall length: 40 mm, 1.6 inches
Use with trocar

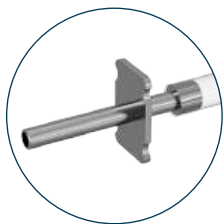


CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER



CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER

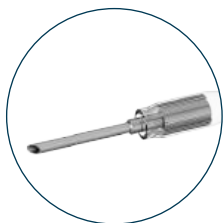
TMC 111



Overall length: 225 mm, 8.9 inches
Working part: stainless
Tip: 20Ga, 0.9 external diameter, 6 mm long
Suturing flange

HESLIN CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER

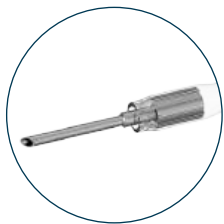
TMC 112



Overall length: 225 mm, 8.9 inches
Working part: stainless
Tip: 23Ga, 0.6 external diameter, 6 mm long,
beveled, blunted, tungsten carbide

HESLIN CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER

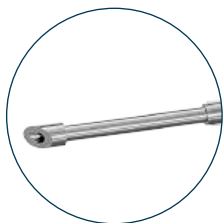
TMC 114



Overall length: 225 mm, 8.9 inches
Working part: stainless
Tip: 23Ga, 0.6 external diameter, 6 mm long,
beveled, blunted

CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER

TMC 115



Overall length: 225 mm, 8.9 inches
Working part: stainless
Tip: 20Ga, 0.9 external diameter, 6 mm long,
smoothed

CANNULA FOR MAINTENANCE
PRESSURE IN THE FRONT CHAMBER

TMC 116

DSAEK / DMAEK / DMEK



Overall length: 225 mm, 8.9 inches
Working part: stainless
Tip: 20Ga, 0.9 external diameter, 6 mm long,
screw type

BACKFLUSH HANDLE
PASSIVE ASPIRATION
TMN 111



Overall length: 104 mm, 4.1 inches
Working part: titanium
Handle: round, titanium, Ø8 mm

BACKFLUSH HANDLE
ACTIVE ASPIRATION
TMN 112



Overall length: 110 mm, 4.3 inches
Working part: titanium
Handle: round, titanium, Ø8 mm

CANNULA FOR SILICON OIL



G23 (0.6 mm)	TMC 175
G25 (0.5 mm)	TMC 176

Overall length: 200 mm, 7.9 inches
Use with troacar

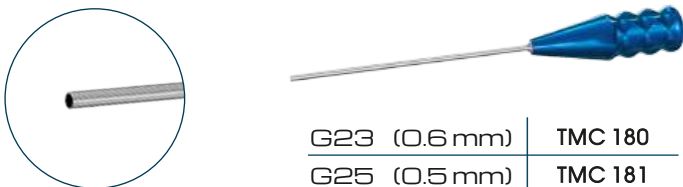
CANNULA FOR SILICON OIL



G23 (0.6 mm)	TMC 177
G25 (0.5 mm)	TMC 178

Overall length: 21 mm, 0.8 inches
Use with troacar

RETINAL CANNULA



G23 (0.6 mm)	TMC 180
G25 (0.5 mm)	TMC 181

Overall length: 48 mm, 1.9 inches
Use with troacar

CANNULA FOR OUT SILICON OIL,
TIP 23G



TMC 179

Overall length: 18 mm, 0.7 inches
Use with troacar

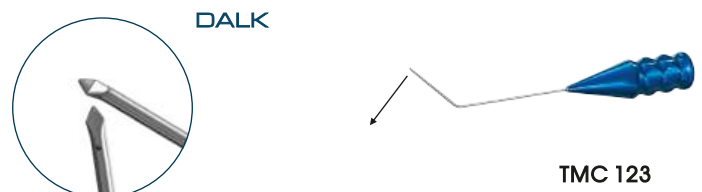
IRRIGATION CANNULA FOR DALK,
"BIG BUBBLE"



TMC 121

Overall length: 38 mm, 1.5 inches
Tube: 27G, 0.2 mm port

IRRIGATION CANNULA FOR DALK,
"BIG BUBBLE"



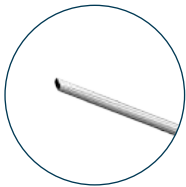
TMC 123

Overall length: 38 mm, 1.5 inches
Tube: 27G, 0.2 mm port

Cannulas



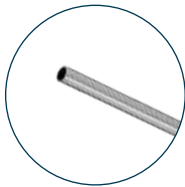
IRRIGATION CANNULA,
SPATULA - SHAPED



TMC 105

Overall length: 43 mm, 1.7 inches
Working part: angled, stainless
Tip: 6 mm, spatula-shaped

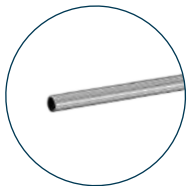
ASPIRATION CANNULA,
SIMCOE, RIGHT



G27 (0.4 mm)	TMC 106.4
G25 (0.5 mm)	TMC 106.5
G23 (0.6 mm)	TMC 106.6
G22 (0.7 mm)	TMC 106.7
G21 (0.8 mm)	TMC 106.8
G20 (0.9 mm)	TMC 106.9

Общая длина: 38 мм
Рабочая часть: стальная,
изогнутая под углом
Overall length: 38 mm, 1.5 inches
Working part: angled, stainless

IRRIGATION CANNULA,
STRAIGHT

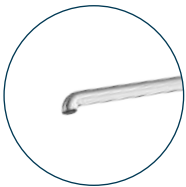


G27 (0.4 mm)	TMC 107.4
G25 (0.5 mm)	TMC 107.5
G23 (0.6 mm)	TMC 107.6
G22 (0.7 mm)	TMC 107.7

G21 (0.8 mm)	TMC 107.8
G20 (0.9 mm)	TMC 107.9
G19 (1.0 mm)	TMC 107.10
G17 (1.2 mm)	TMC 107.12

Overall length: 45 mm, 1.8 inches
Working part: straight, stainless

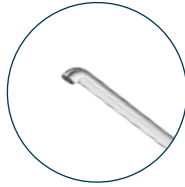
CANNULA FOR,
HYDRODISSECTION



G27 (0.4 mm)	TMC 108.4
G25 (0.5 mm)	TMC 108.5

Overall length: 38 mm, 1.5 inches
Working part: stainless

CANNULA FOR,
HYDRODISSECTION



G27 (0.4 mm)	TMC 109.4
G25 (0.5 mm)	TMC 109.5

Overall length: 38 mm, 1.5 inches
Working part: curved, stainless

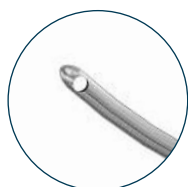
ASPIRATION HANDPIECE FOR BIMANUAL TECHNIQUE



Ga	Code
21	TMN 213
22	TMN 103
23	TMN 113

Overall length: 105 mm, 4.1 inches
Working part: stainless
Handle: round, titanium, Ø6 mm

IRRIGATION HANDPIECE FOR BIMANUAL TECHNIQUE



Ga	Code
21	TMN 214
22	TMN 104
23	TMN 114

Overall length: 105 mm, 4.1 inches
Working part: stainless
Handle: round, titanium, Ø6 mm

ASPIRATION HANDLE FOR BIMANUAL TECHNIQUE **TMN 105**



Overall length: 75 mm, 2.9 inches
Working part: titanium
adapter «LUER»
Handle: round, titanium, Ø6 mm

IRRIGATION HANDLE FOR BIMANUAL TECHNIQUE **TMN 106**



Overall length: 75 mm, 2.9 inches
Working part: titanium
adapter «LUER»
Handle: round, titanium, Ø6 mm

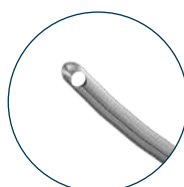
ASPIRATION CANNULA FOR BIMANUAL TECHNIQUE 22G



TMN 107

Overall length: 36.5 mm, 1.5 inches
hole Ø0.3 mm at the top of the tip

IRRIGATION CANNULA FOR BIMANUAL TECHNIQUE 22G



TMN 108

Overall length: 36.5 mm, 1.5 inches
2 holes Ø0.3 mm on the sides

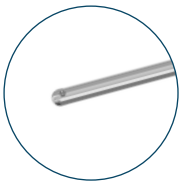
Cannulas



ASPIRATION - IRRIGATION SYSTEM,
COAXIAL (USE WITH SILICON SLEEVES)



ASPIRATION - CANNULA
FOR AIS, STRAIGHT 22 Ga
TMN 201



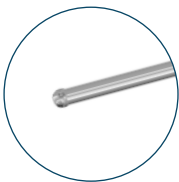
Overall length: 25 mm, 0.9 inches
Working part: straight, stainless
Tip: 22Ga, hole Ø0.25 mm

ASPIRATION - CANNULA
FOR AIS, CURVED 22 Ga
TMN 202



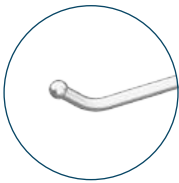
Overall length: 24.5 mm, 0.9 inches
Working part: angled, stainless
Tip: 22Ga, hole Ø0.25 mm

ASPIRATION - CANNULA
FOR AIS, WITH BALL Ø0.8 MM
TMN 203



Overall length: 25 mm, 0.9 inches
Working part: straight, stainless
Tip: ball Ø0.8 mm, hole Ø0.25 mm

ASPIRATION - CANNULA
FOR AIS, WITH BALL Ø0.8 MM
TMN 204



Overall length: 25 mm, 0.9 inches
Working part: angled, stainless
Tip: ball Ø0.8 mm, hole Ø0.25 mm

KEY FOR ULTRASONIC NEEDLE
"ALCON"

TMK 301



Overall length: 30 mm, 1.2 inches

KEY FOR ULTRASONIC NEEDLE
"BAUSCH & LOMB"

TMK 302



Overall length: 30 mm, 1.2 inches

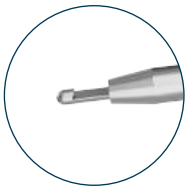
TMS 701

CORNEAL - SCLERAL PUNCH WITH
INTERCHANGEABLE TIPS



Overall length: 126 mm, 5.0 inches
Working part: 4 interchangeable:
Ø0.5 mm, Ø0.75 mm, Ø1.0 mm, Ø1.5 mm

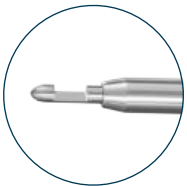
**PUNCH
TMS 702**



Overall length: 130 mm, 5.1 inches
Working part: stainless, Ø0.8 mm

MICRO TRABECULECTOMY PUNCH

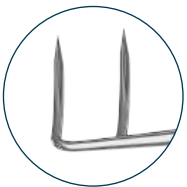
TMV 191



Overall length: 144 mm, 5.7 inches

TRABECULOTOM

TMB 202



Overall length: 58 mm, 2.3 inches
Working part: stainless, 9.3 mm
Handle: round, titanium, Ø5 mm

CASTROVIEJO BLADE HOLDER



Overall length	Tips	Code
120 mm	13 mm	TMB 101
95 mm	10 mm	TMB 102

CASTROVIEJO BLADE HOLDER

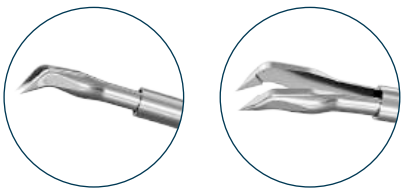
TMB 103



Overall length: 110 mm, 4.3 inches
Tips: length 13 mm, curved 45°

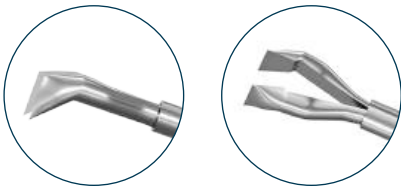
KERSHNER CAPSULORHEXIS FORCEPS

23 Ga **TMV 101**



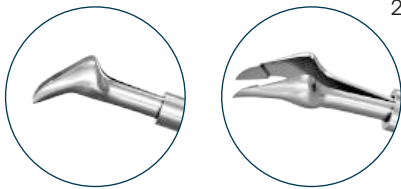
FINE-IKEDA CAPSULORHEXIS FORCEPS

23 Ga **TMV 102**



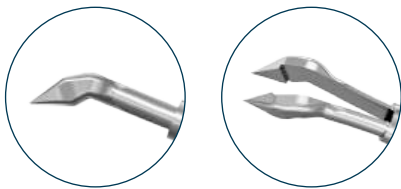
FINE-IKEDA CAPSULORHEXIS FORCEPS

23 Ga **TMV 103**



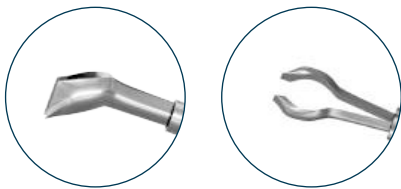
SHUHAEV CAPSULORHEXIS FORCEPS

23 Ga **TMV 556**



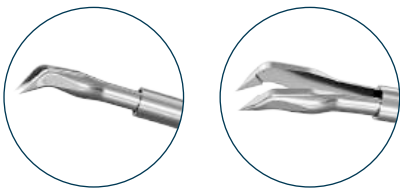
CAPSULORRHEXIS FORCEPS WITH VIEW PORT

23 Ga **TMV 558**



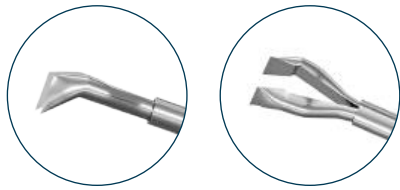
KERSHNER CAPSULORHEXIS FORCEPS

25 Ga **TMV 551**



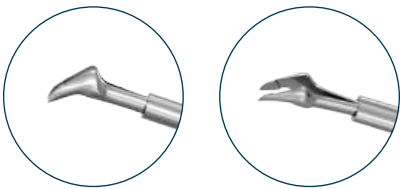
FINE-IKEDA CAPSULORHEXIS FORCEPS

25 Ga **TMV 552**



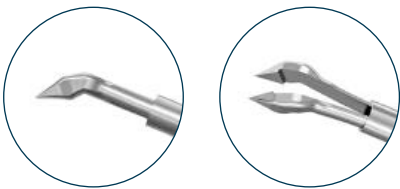
FINE-IKEDA CAPSULORHEXIS FORCEPS

25 Ga **TMV 553**



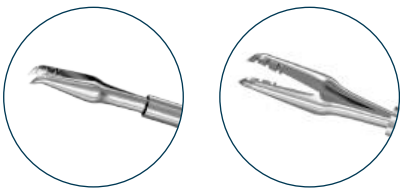
SHUHAEV CAPSULORHEXIS FORCEPS

25 Ga **TMV 557**



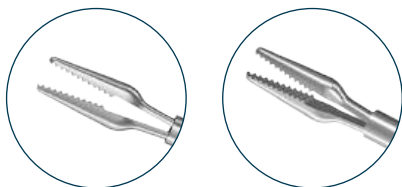
KAWAI CAPSULORHEXIS FORCEPS

25 Ga **TMV 559**



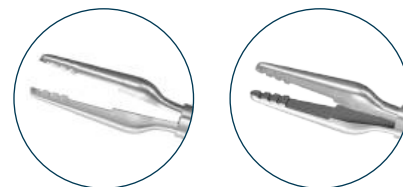
"CROCODILE" FORCEPS

23 Ga **TMV 170**



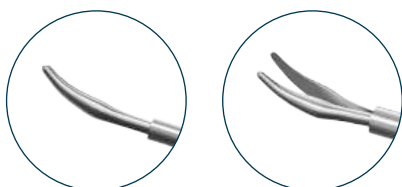
FORCEPS FOR CORNEAL ENDOTHELIUM IMPLANTATION

23 Ga **TMV 174**



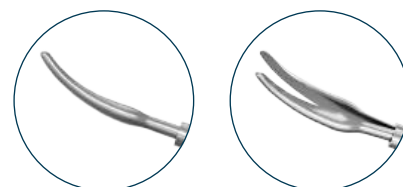
MICROTYING FORCEPS

23 Ga **TMV 186**



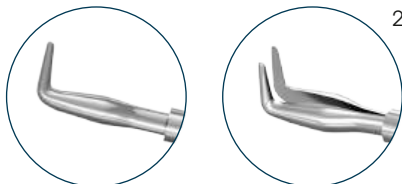
MICRONEEDLE HOLDER

23 Ga **TMV 187**



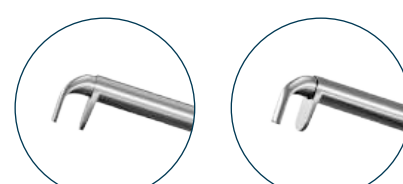
MICROINVASIV ENDOTHELIAL FORCEPS

23 Ga **TMV 374**



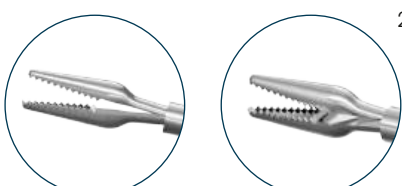
NUCLEUS SPLITTER

23 Ga **TMV 172**



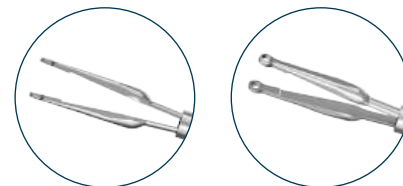
FORCEPS FOR FOLDABLE LENS REMOVAL

20 Ga **TMV 182**



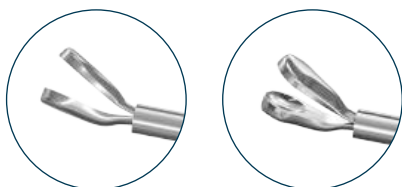
IOL GRASPING FORCEPS

21 Ga **TMV 185**



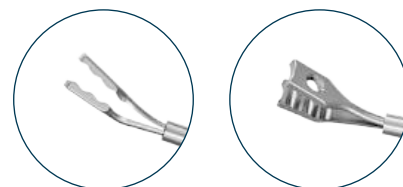
ICL LOADING FORCEPS

20 Ga **TMV 180**



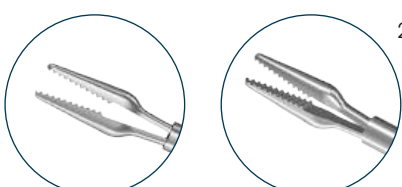
FORCEPS FOR IMPLANTATION ICL

20 Ga **TMV 181**



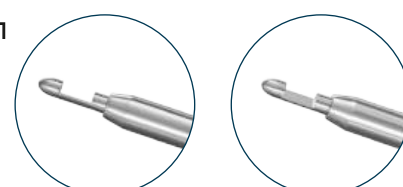
"CROCODILE" FORCEPS

23 Ga **TMV 190**



MICRO TRABECULECTOMY PUNCH

20 Ga **TMV 191**

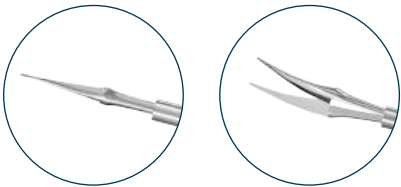


Straight tube 21 mm



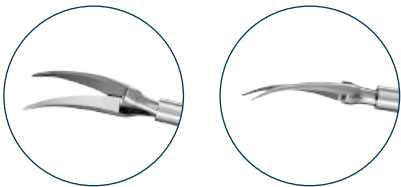
CAPSULOTOMY SCISSORS

23 Ga **TMV 243**



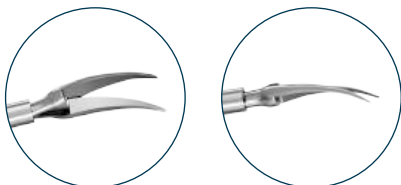
CAPSULOTOMY SCISSORS, RIGHT

23 Ga **TMV 244**



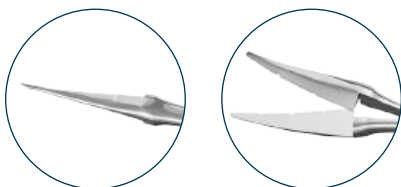
CAPSULOTOMY SCISSORS, LEFT

23 Ga **TMV 245**



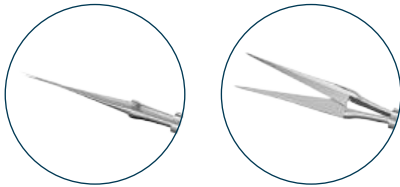
IOL CUTTER

19 Ga **TMV 282**



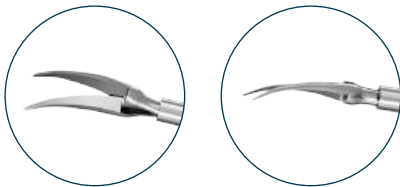
CAPSULOTOMY SCISSORS

23 Ga **TMV 246**



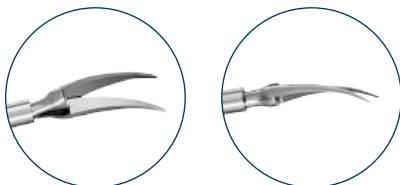
CAPSULOTOMY SCISSORS, RIGHT

20 Ga **TMV 254**



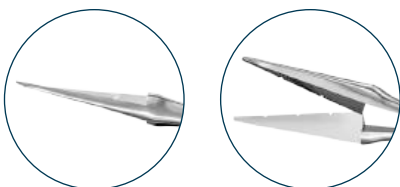
CAPSULOTOMY SCISSORS, LEFT

20 Ga **TMV 255**



IOL CUTTER

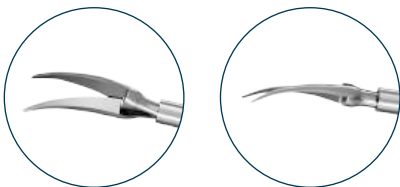
19 Ga **TMV 283**



TMV 343

23 Ga

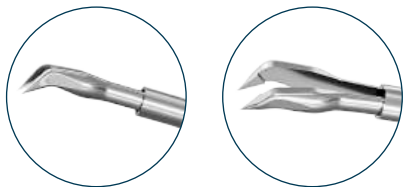
IRIDECTOMY SCISSORS



Straight tube 21 mm

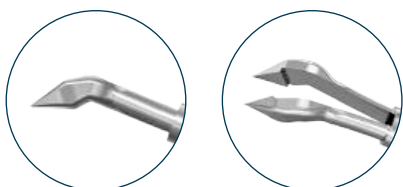
KERSHNER CAPSULORHEXIS FORCEPS

23 Ga TMF 140



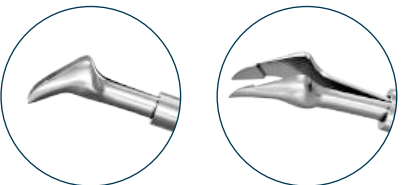
SHUHAEV CAPSULORHEXIS FORCEPS

23 Ga TMF 141



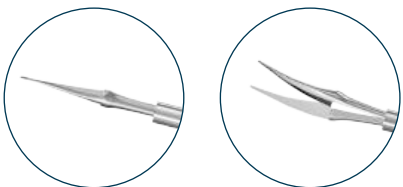
FINE-IKEDA CAPSULORHEXIS FORCEPS

23 Ga TMF 142



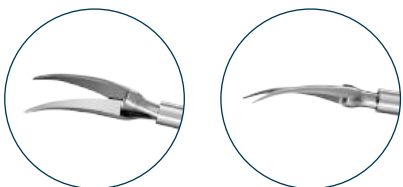
CAPSULOTOMY SCISSORS

23 Ga TMF 143



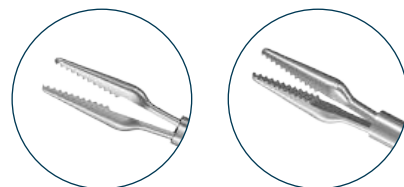
CAPSULOTOMY SCISSORS, RIGHT

23 Ga TMF 144



"CROCODILE" FORCEPS

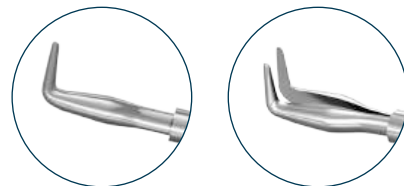
23 Ga TMF 147



LASIK / Femto LASIK
DSAEK / DMAEK / DMEK

MICROINVASIV ENDOTHELIAL FORCEPS

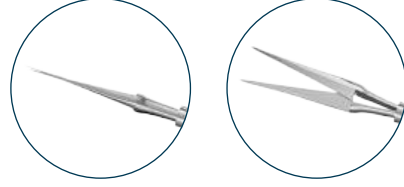
23 Ga TMF 149



DSAEK / DMAEK / DMEK

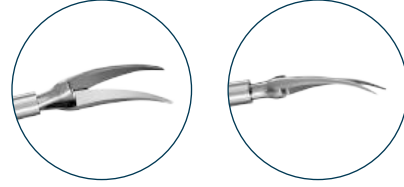
CAPSULOTOMY SCISSORS

23 Ga TMF 146

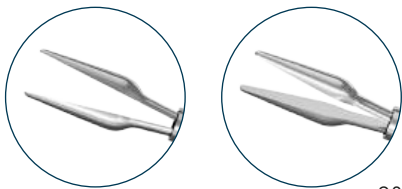


CAPSULOTOMY SCISSORS, LEFT

23 Ga TMF 145

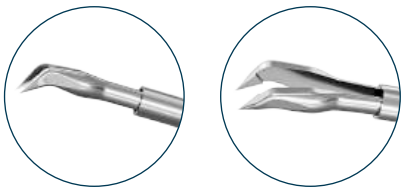


GRIPPING STRAIGHT FORCEPS



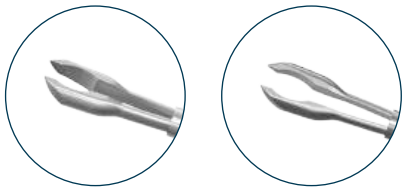
23 Ga **TMV 111**
23 Ga **TMV 351**
25 Ga **TMV 501**
27 Ga **TMV 701**

PICK FORCEPS



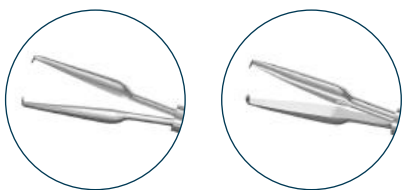
20 Ga **TMV 105**
23 Ga **TMV 353**
25 Ga **TMV 503**

ASYMMETRICAL FORCEPS



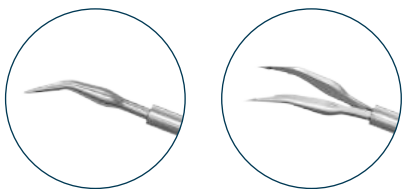
20 Ga **TMV 165**
23 Ga **TMV 355**
25 Ga **TMV 505**

END GRIPPING FORCEPS



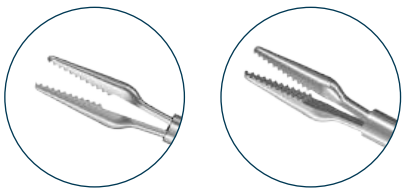
20 Ga **TMV 157**
23 Ga **TMV 357**
25 Ga **TMV 507**
27 Ga **TMV 707**

MACULORHEXIS FORCEPS



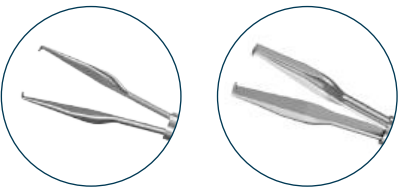
25 Ga **TMV 508**

"CROCODILE" FORCEPS



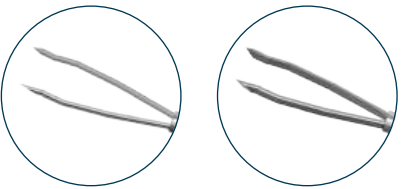
20 Ga **TMV 126**
23 Ga **TMV 352**
25 Ga **TMV 502**

END GRIPPING FORCEPS



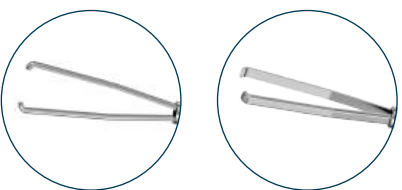
23 Ga **TMV 354**
25 Ga **TMV 504**
27 Ga **TMV 704**

END GRIPPING FORCEPS



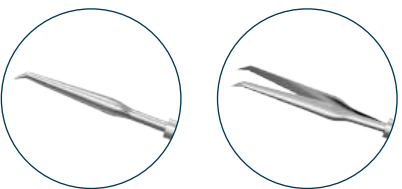
23 Ga **TMV 356**
25 Ga **TMV 506**
27 Ga **TMV 706**

END GRIPPING FORCEPS



23 Ga **TMV 359**
25 Ga **TMV 509**

MACULORHEXIS FORCEPS

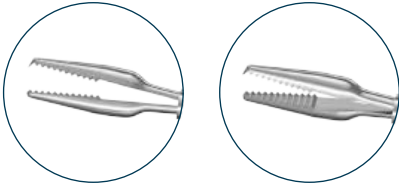


25 Ga **TMV 179**



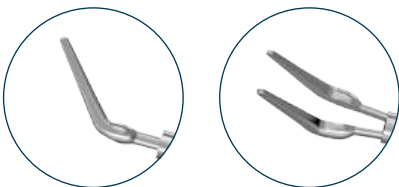
GRIPPING FORCEPS WITH TOOTH

20 Ga **TMV 178**



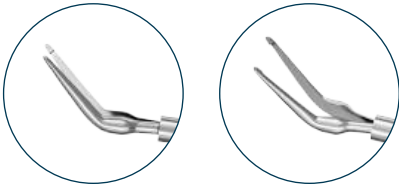
SUBRETINAL FORCEPS

20 Ga **TMV 118**



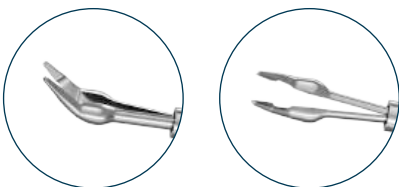
GRIPPING FORCEPS WITH PLATFORM

20 Ga **TMV 123**



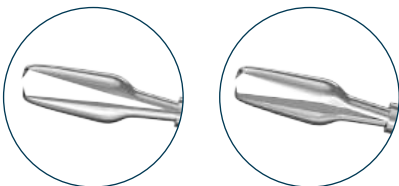
GRIPPING FORCEPSTH

23 Ga **TMV 131**



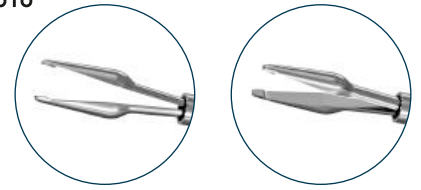
MACULORHEXIS FORCEPS

23 Ga **TMV 142**



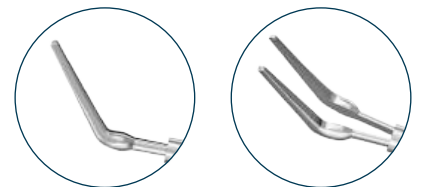
GRIPPING FORCEPS WITH PLATFORM

20 Ga **TMV 135**
23 Ga **TMV 136**
25 Ga **TMV 516**



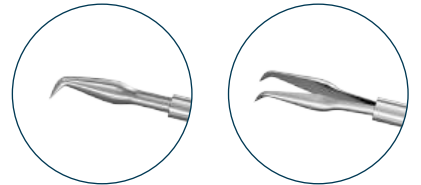
SUBRETINAL FORCEPS

20 Ga **TMV 121**



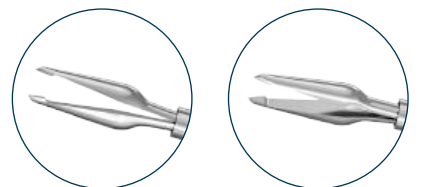
PIC FORCEPS

23 Ga **TMV 110**



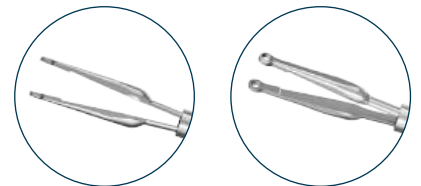
GRIPPING FORCEPS WITH PLATFORM

20 Ga **TMV 134**



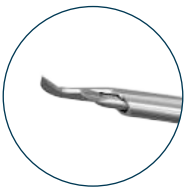
GRIPPING FORCEPS

20 Ga **TMV 154**



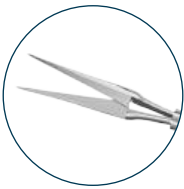
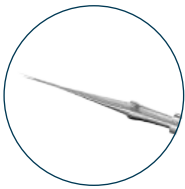


VERTICAL SCISSORS



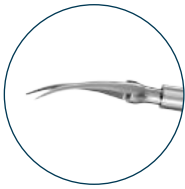
20 Ga **TMV 226**
23 Ga **TMV 341**
25 Ga **TMV 401**

STRAIGHT SCISSORS



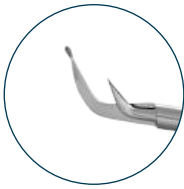
20 Ga **TMV 203**
23 Ga **TMV 344**
25 Ga **TMV 404**

CURVED SUBRETINAL SCISSORS



20 Ga **TMV 248**
23 Ga **TMV 342**
25 Ga **TMV 402**

VERTICAL SCISSORS



20 Ga **TMV 242**

HORIZONTAL SYMMETRICAL SCISSORS



20 Ga **TMV 214**



MODEL - TWO FINGER CONTROL

TVN 011



| Overall length: 96 mm, 3.8 inches

MODEL - ONE FINGER CONTROL

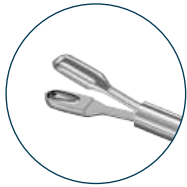
TVN 012



| Overall length: 107 mm, 4.2 inches

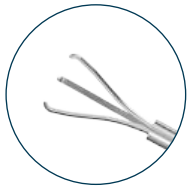
FOREIGN BODY REMOVAL FORCEPS

19 Ga **TMV 144**



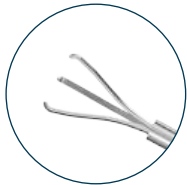
FOREIGN BODY REMOVAL FORCEPS

19 Ga **TMV 146**



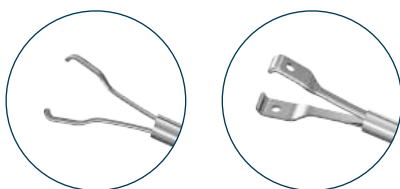
FOREIGN BODY REMOVAL FORCEPS

23 Ga **TMV 361**

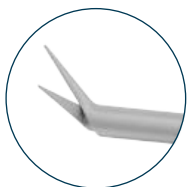


FOREIGN BODY REMOVAL FORCEPS

19 Ga **TMV 149**



MACULORHEXIS FORCEPS

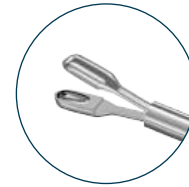


20 Ga **TMV 215**
23 Ga **TMV 217**

Compatible with
handle TVN 012 only

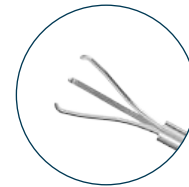
FOREIGN BODY REMOVAL FORCEPS

20 Ga **TMV 143**



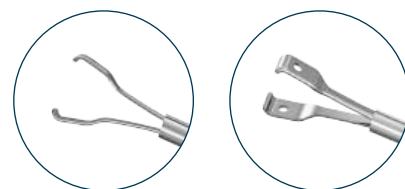
FOREIGN BODY REMOVAL FORCEPS

20 Ga **TMV 145**

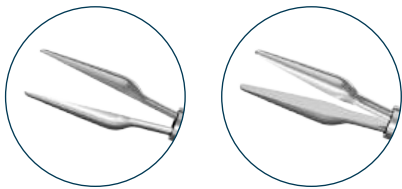


FOREIGN BODY REMOVAL FORCEPS

20 Ga **TMV 148**

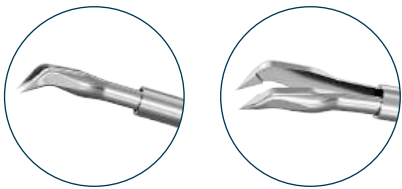


GRIPPING STRAIGHT FORCEPS



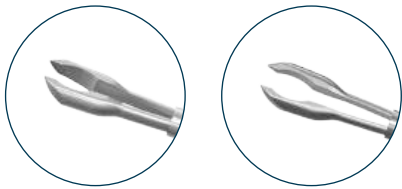
20 Ga **TMV 111M**
23 Ga **TMV 351M**
25 Ga **TMV 501M**
27 Ga **TMV 701M**

PICK FORCEPS



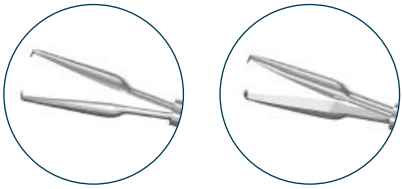
20 Ga **TMV 105M**
23 Ga **TMV 353M**
25 Ga **TMV 503M**

ASYMMETRICAL FORCEPS



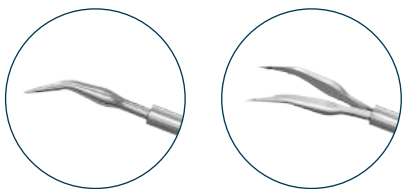
20 Ga **TMV 165M**
23 Ga **TMV 355M**
25 Ga **TMV 505M**

END GRIPPING FORCEPS



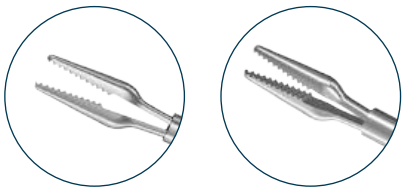
20 Ga **TMV 157M**
23 Ga **TMV 357M**
25 Ga **TMV 507M**
27 Ga **TMV 707M**

MACULORHEXIS FORCEPS



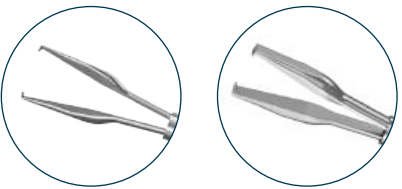
25 Ga **TMV 508M**

"CROCODILE" FORCEPS



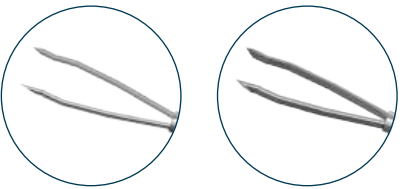
20 Ga **TMV 126M**
23 Ga **TMV 352M**
25 Ga **TMV 502M**

END GRIPPING FORCEPS



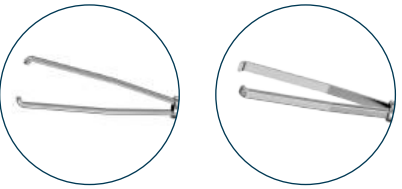
23 Ga **TMV 354M**
25 Ga **TMV 504M**
27 Ga **TMV 704M**

END GRIPPING FORCEPS



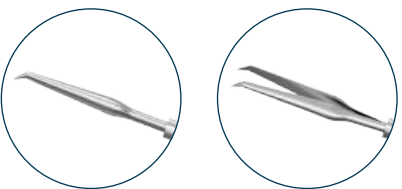
23 Ga **TMV 356M**
25 Ga **TMV 506M**
27 Ga **TMV 706M**

END GRIPPING FORCEPS



23 Ga **TMV 359M**
25 Ga **TMV 509M**

MACULORHEXIS FORCEPS

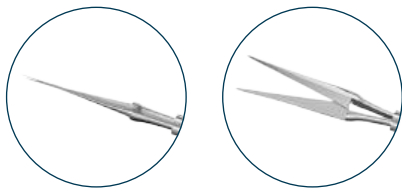


25 Ga **TMV 179M**

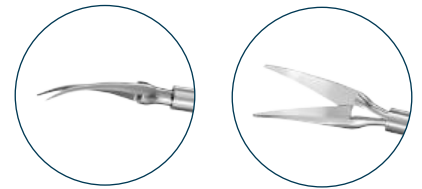


STRAIGHT SCISSORS

20 Ga **TMV 203M**

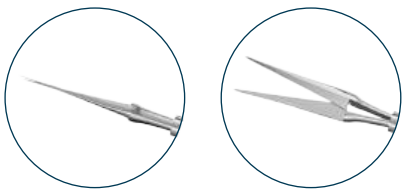


20 Ga **TMV 248M**

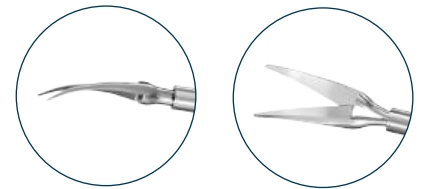


STRAIGHT SCISSORS

23 Ga **TMV 344M**

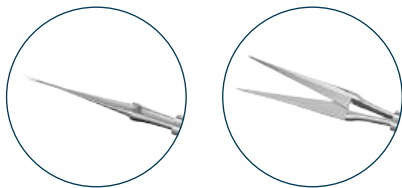


23 Ga **TMV 342M**

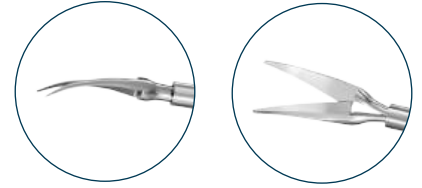


STRAIGHT SCISSORS

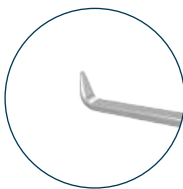
25 Ga **TMV 404M**



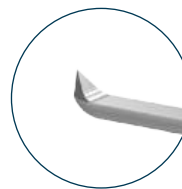
25 Ga **TMV 402M**



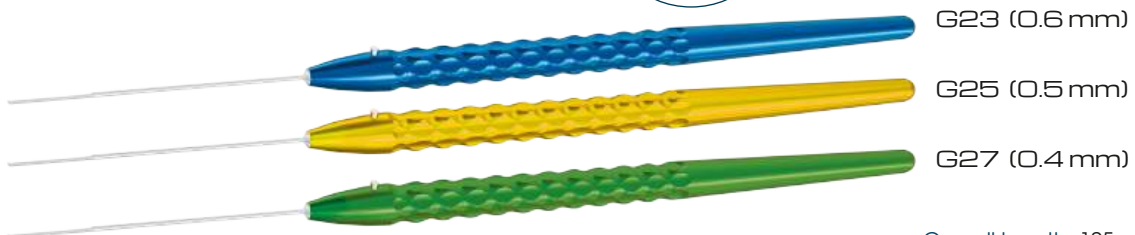
MEMBRANE SPATULA



G23 (0.6 mm)	TMT 201
G25 (0.5 mm)	TMT 202
G27 (0.4 mm)	TMT 205



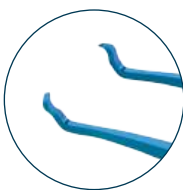
G23 (0.6 mm)	TMT 203
G25 (0.5 mm)	TMT 204



Overall length: 125 mm, 4.9 inches

FORCEPS FOR PORT

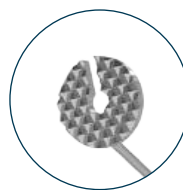
TMV 301



Overall length: 75 mm, 3.0 inches

FIXATOR OF PORT

TMV 302



Overall length: 77 mm, 3.0 inches

INSTRUCTION FOR INITIAL USE

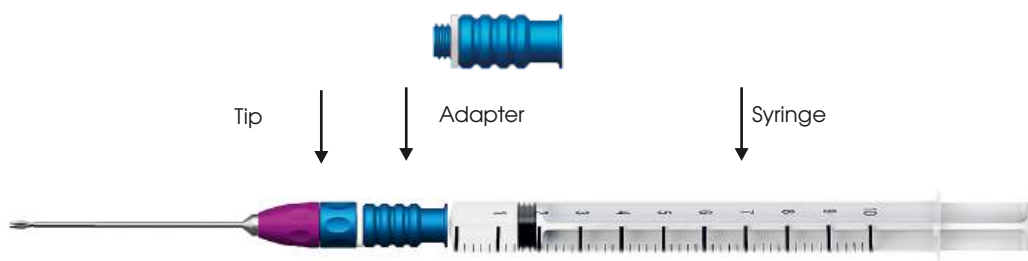
It is essential that the instrument be cleaned and sterilized before initial use following the procedures as outlined in this instruction brochure.

CARE AND HANDLING

Intraocular tips have a delicate precision mechanism inside. Intraocular fluids will enter this mechanism during surgery. If these fluids are not promptly and properly cleaned out, it will lead to corrosion or clogs and the possibility of instrument malfunction. Proteins may also accumulate inside of the mechanism.

CLEANING

1. Unscrew the tip from the handle, then attach flushing adapter.



2. Ultrasonically clean both parts, if possible.
3. Flush the tip with distilled or deionized water by connecting syringe filled with water to adapter.
4. Flush the tip with alcohol. This will remove the water and facilitate drying.
5. Dry the tip by forcing one or two syringes full of air through tip. Pressurized air is recommended, as it flushes out debris and fluid more efficiently than syringe forced air. Thoroughly dry handle, tip and cup.
6. Force special thermoresistant instrument milk through the tip, as in No 3 above.
7. Dry with air as in No 5 above
8. Handle should be soaked in distilled or deionized water for two minutes.
9. Dry with surgical sponge.
10. Lubricate joints in handle with instrument milk and work the mechanism.

INSTRUMENT DETERGENTS AND/OR CLEANERS

Only detergents and cleaners specially designed for use on surgical stainless steel or titanium instruments are acceptable for use in the cleaning process. The cleaning guidelines of the solution manufacturer and your institution should be observed.

ULTRASONIC CLEANING EQUIPMENT

An ultrasonic cleaner could also be used in the instrument cleaning process, but not as the sole cleaning method. The instrument should, at the very least, be flushed with distilled water prior to being placed in the ultrasonic cleaner. A five to ten minutes cycle in the ultrasonic cleaner should be sufficient. The instrument must be secured on a silicone finger mat during the ultrasonic cleaning procedure. Special care should be taken to make certain that the tip of the instrument does not come into contact with the sides of the ultrasonic container, as this could damage the instrument.

LUBRICATION

Moving parts and working mechanisms of the Titan Medical instruments should be lubricated occasionally with a medical grade instrument lubricant (especially after an ultrasonic bath) to ensure the smooth operation of the working mechanism. The recommended directions of the instrument lubricant manufacturer and your institution should be observed.

After each use, the instrument must be disinfected, pre-sterilized and sterilized.

I. Disinfection.

Immediately after use, the instrument must be placed in a disinfectant solution approved for use in a medical facility. The concentration of the disinfectant, the temperature of the solution and the exposure time must correspond to the instructions attached to the disinfectant.

It is not recommended to use products based on chlorine and hydrogen peroxide, since these substances accelerate the wear of tools. This is followed by rinsing with running water for 0.5 minutes.

II. Pre-sterilization cleaningis

Cleaning carried out in solutions of synthetic detergents of the "Biolot" type in the following sequence:

1. Soaking in a detergent solution at a temperature (30-40 ° C) for 15 minutes. when the tools are fully immersed;
2. Rinsing in detergent solution with a soft brush or cotton swab. Special attention should be paid to the joints and teeth of the product. It is not recommended to use metal brushes, washcloths, sponges and abrasive powders to avoid damage to the surface of the tools. Nylon (polyamide) ones are suitable for washing brushes;
3. Rinsing under running water for 2-3 minutes;
4. Rinsing with distilled water for 0.5 minutes;
5. Drying with hot air at a temperature of 85-90° C until the moisture disappears completely. Washing in an ultrasonic washing machine is allowed (except for diamond and sapphire scalpels!). At the same time, the following recommendations should be followed:

- follow the instructions of the manufacturer of the ultrasonic cleaner and use cleaning solutions recommended for stainless steel and titanium alloy;- use demineralized or distilled water heated to 65° C;
- immerse the tools in the cleaning solution completely, excluding their contact with each other;
- after cleaning the tools, rinse them thoroughly with distilled or demineralized water;
- dry the tools with a lint-free cloth or with a fan heater.

III. Sterilization of the instrument.

Sterilization is not cleaning! Before sterilization, the instruments must be placed in a sterilization container. For sterilization of microsurgical instruments, any traditionally used method can be used :

- steam sterilization method. The tools are treated with saturated steam at an overpressure of 0.14 MPa at a temperature of 126° C for 10 minutes;
- air sterilization method (it is not recommended to use for sterilization of diamond and sapphire scalpels!).

The tools are treated with dry hot air at 180° C for 45 minutes;

- gas sterilization (ethylene oxide);
- sterilization by chemical method or cold disinfection method;
- Regardless of the sterilization method, follow the instructions provided by the manufacturer of the sterilizer.



TDK401	1	TMC115	106	TMF1066	8	TMF202	12
TDK402	1	TMC116	106	TMF1068	8	TMF203	12
TDK403	1	TMC117.08-117.16	104	TMF111	9	TMF204	12
TDK404	1	TMC121	107	TMF112	9	TMF205	12
TDK405	1	TMC122	104	TMF113	9	TMF206	12
TDK406	1	TMC123	107	TMF114	9	TMF207	12
TDK407	1	TMC124	105	TMF115	9	TMF208	12
TDK408	1	TMC125	105	TMF116	9	TMF211	12
TDK409	1	TMC126.4-TMC126.10	105	TMF117	9	TMF212	12
TDK410	1	TMC127.4-TMC127.10	105	TMF118	9	TMF213	12
TDK411	1	TMC128.6-TMC128.10	105	TMF119	10	TMF214	12
TDK412	1	TMC129.5-TMC129.9	105	TMF120	10	TMF215	18
TDK413	1	TMC175	107	TMF121	10	TMF216	13
TDK414	1	TMC176	107	TMF122	10	TMF217	13
TDK415	1	TMC177	107	TMF123	10	TMF218	13
TDK416	1	TMC178	107	TMF124	10	TMF219	13
TDK417	1	TMC179	107	TMF125	10	TMF220	13
TDK418	1	TMC180	107	TMF126	10	TMF221	13
TDK419	1	TMC181	107	TMF127	11	TMF222	13
TDK420	1	TMC707	105	TMF128	11	TMF223	13
TDK421	1	TMD101	94	TMF129	11	TMF224	13
TDK422	1	TMD102	94	TMF130	11	TMF227	12
TDK423	1	TMD103	94	TMF131	11	TMF228	12
TDK424	1	TMD105	94	TMF132	35	TMF231	13
TDK425	1	TME101	66	TMF133	37	TMF232	13
TDK426	1	TME102	64	TMF140	115	TMF268	6
TDK501	2	TME103	66	TMF141	115	TMF2682	7
TDK503	2	TME104	65	TMF142	115	TMF269	6
TDK507	2	TME105	65	TMF143	115	TMF2692	7
TDK509	2	TME106	67	TMF144	115	TMF288	6
TDK513	2	TME107	64	TMF145	115	TMF2882	7
TDK515	2	TME109	64	TMF146	115	TMF289	6
TDK517	2	TME110	66	TMF147	115	TMF2892	7
TDK519	3	TME111	65	TMF149	115	TMF301	14
TDK521	3	TME112	65	TMF160	6	TMF302	14
TDK523	3	TME113	69	TMF1602	7	TMF303	14
TDK525	3	TME114	69	TMF161	6	TMF304	14
TDK527	3	TME115	68	TMF1612	7	TMF305	14
TDK529	3	TME116	68	TMF162	6	TMF306	14
TDK601	4	TME117	68	TMF1622	7	TMF341	14
TDK602	4	TME118	67	TMF163	6	TMF342	14
TDK604	4	TME119	69	TMF1632	7	TMF343	14
TDK605	4	TME121	70	TMF164	6	TMF344	14
TDK607	4	TME122	70	TMF1642	7	TMF401	15
TDK608	4	TME123	70	TMF165	6	TMF402	15
TKR101	88	TME124	67	TMF1652	7	TMF403	15
TKR102	88	TME125	66	TMF166	6	TMF404	15
TKR103	73	TME126	67	TMF1662	7	TMF405	15
TKR104	73	TME127	69	TMF167	6	TMF406	15
TKR105	64	TME129	70	TMF1672	7	TMF407	16
TKR106	88	TME131	72	TMF168	6	TMF407.1	15
TKR107	88	TME132	72	TMF1682	7	TMF408	16
TKR112	73	TME133	71	TMF169	6	TMF409	16
TKR113	73	TME134	71	TMF1692	7	TMF410	16
TKR121	88	TME135	71	TMF180	6	TMF411	17
TKR122	88	TME136	71	TMF1802	7	TMF412	17
TMA105	92	TME141	64	TMF181	6	TMF413	17
TMB101	111	TME142	65	TMF1812	7	TMF414	17
TMB102	111	TME143	67	TMF182	6	TMF415	17
TMB103	111	TME144	69	TMF1822	7	TMF416	17
TMB202	111	TME145	68	TMF183	6	TMF417	17
TMC101	104	TME146	68	TMF1832	7	TMF418	17
TMC102	104	TME147	70	TMF184	6	TMF419	17
TMC103	104	TME170	71	TMF1842	7	TMF420	17
TMC104	104	TME172	72	TMF185	6	TMF431	18
TMC105	108	TME173	72	TMF1852	7	TMF432	18
TMC106.4-106.9	108	TME174	72	TMF186	6	TMF433	18
TMC107.4-107.12	108	TME203	66	TMF1862	7	TMF434	18
TMC108.4-108.5	108	TME244	73	TMF187	6	TMF435	18
TMC109.4-109.5	108	TMF1026	8	TMF1872	7	TMF469	29
TMC110	105	TMF1028	8	TMF188	6	TMF470	29
TMC110.7	105	TMF1036	8	TMF1882	7	TMF471	29
TMC111	106	TMF1038	8	TMF189	6	TMF472	29
TMC112	106	TMF1056	8	TMF1892	7	TMF473	29
TMC114	106	TMF1058	8	TMF201	12	TMF474	30

TMF475	30	TMF801	28	TMK104	90	TMK661	92
TMF476	30	TMF802	28	TMK105	90	TMK700-715	92
TMF4761	30	TMF803	28	TMK106	74	TMK801	79
TMF477	30	TMF804	28	TMK107	74	TMK802	79
TMF478	31	TMF901	33	TMK108	74	TMK803	79
TMF479	31	TMF9011	33	TMK109	74	TMK805	79
TMF480	31	TMF902	33	TMK110	74	TMK807	79
TMF490	31	TMF903	33	TMK111	78	TMK808	79
TMF501	19	TMF904	33	TMK112	75	TMK811	79
TMF502	19	TMF905	34	TMK113	75	TMK812	79
TMF503	19	TMF906	34	TMK114	76	TMK813	79
TMF511	19	TMF907	34	TMK115	76	TMK815	79
TMF512	19	TMF908	35	TMK116	76	TMK817	79
TMF513	19	TMF909	34	TMK117	76	TMK818	79
TMF514	19	TMF912	33	TMK118	74	TMK881	79
TMF515	19	TMF913	34	TMK119	77	TMK882	79
TMF516	19	TMF914	36	TMK120	77	TMK883	79
TMF517	19	TMF915	23	TMK121	90	TMK884	79
TMF518	20	TMF915ST	23	TMK122	93	TMK885	79
TMF519	20	TMF916	35	TMK123	91	TMK887	79
TMF520	20	TMF917	35	TMK124	91	TMK888	79
TMF521	20	TMF918	35	TMK125	91	TMK889	79
TMF522	20	TMF919	38	TMK126	91	TMK890	79
TMF523	20	TMF920	38	TMK127	91	TML101	95
TMF524	20	TMF921	37	TMK128	91	TML1011	95
TMF525	20	TMF922	37	TMK129	91	TML102	95
TMF526	20	TMF923	37	TMK130	91	TML1024	95
TMF531	20	TMF924	32	TMK131	90	TML103	95
TMF532	20	TMF925	32	TMK132	77	TMM101	96
TMF533	20	TMF926	36	TMK133	77	TMM102	96
TMF534	21	TMF927	37	TMK134	77	TMM103	96
TMF535	21	TMF928	38	TMK135	77	TMM104	98
TMF536	21	TMF929	38	TMK136	74	TMM105	97
TMF537	21	TMF930	38	TMK137	74	TMM106.3	98
TMF538	21	TMF931	39	TMK143	78	TMM106.4	98
TMF539	21	TMF932	39	TMK144	76	TMM106.5	98
TMF541	21	TMF933	39	TMK145	78	TMM107.4-107.16	98
TMF542	21	TMF936	39	TMK146	75	TMM108.5-108.9	99
TMF543	21	TMF937	39	TMK147	78	TMM110.5-110.9	99
TMF551	22	TMF998	32	TMK148	74	TMM111.5-111.9	99
TMF552	22	TMF999	32	TMK148.2	74	TMM112.5-112.10	99
TMF553	22	TMH100	40	TMK148.22	74	TMM113	97
TMF561	22	TMH101	40	TMK1481	74	TMM114	97
TMF562	22	TMH102	40	TMK148U	74	TMM115	97
TMF563	22	TMH103	40	TMK151	74	TMM120	98
TMF564	22	TMH104	40	TMK153	75	TMM124	98
TMF565	22	TMH105	41	TMK155.07	76	TMM125	97
TMF566	23	TMH106	41	TMK155.17	76	TMM200	96
TMF567	23	TMH107	41	TMK156	75	TMM211	99
TMF568	23	TMH108	41	TMK157	74	TMM211.6-211.8	99
TMF580	36	TMH109	41	TMK159	77	TMM300	96
TMF581	36	TMH110	42	TMK173	75	TMN101	104
TMF589	31	TMH111	42	TMK174	75	TMN102	104
TMF590	36	TMH112	42	TMK177	74	TMN103	109
TMF601	24	TMH113	42	TMK178	74	TMN104	109
TMF602	24	TMH114	42	TMK201	80	TMN105	109
TMF603	24	TMH115	43	TMK202	80	TMN106	109
TMF604	24	TMH116	43	TMK203	80	TMN107	109
TMF605	24	TMH117	43	TMK204	80	TMN108	109
TMF611	25	TMH118	43	TMK205	80	TMN111	107
TMF612	25	TMH119	43	TMK206	80	TMN112	107
TMF613	25	TMJ101	100	TMK208	80	TMN113	109
TMF614	25	TMJ103	100	TMK212	80	TMN114	109
TMF615	25	TMJ104	101	TMK213	80	TMN201	110
TMF701	26	TMJ105	101	TMK215	80	TMN202	110
TMF702	26	TMJ106	100	TMK218	80	TMN203	110
TMF703	26	TMJ107	101	TMK219	80	TMN204	110
TMF704	26	TMJ110	101	TMK220	80	TMN213	109
TMF705	27	TMJ113	100	TMK223	80	TMN214	109
TMF706	27	TMJ114	101	TMK232	80	TMP101-106	102
TMF707	26	TMJ116	100	TMK300	91	TMP201-206	102
TMF709	27	TMK062	91	TMK301	110	TMP211-213	102
TMF710	27	TMK063	91	TMK302	110	TMP301-302	102
TMF711	27	TMK101	90	TMK600-615	92	TMP400-401	103
TMF800	28	TMK103	90	TMK660	92	TMP701-703	103

TMP704	103	TMS132	46	TMT315	86	TMV248	118
TMP705	103	TMS144	50	TMT316	86	TMV248M	121
TMR073	57	TMS201	48	TMT318	84	TMV254	114
TMR079	57	TMS202	49	TMT319	86	TMV255	114
TMR103	57	TMS203	49	TMT321	83	TMV282	53
TMR201	61	TMS204	48	TMT322	83	TMV282	114
TMR202	62	TMS205	48	TMT323	89	TMV283	53
TMR2021	62	TMS206	49	TMT324	85	TMV283	114
TMR203	62	TMS207	49	TMT325	85	TMV301	121
TMR204	61	TMS208	50	TMT326	85	TMV302	121
TMR205	61	TMS209	50	TMT327	82	TMV341	118
TMR206	61	TMS210	50	TMT328	84	TMV342	118
TMR207	61	TMS211	50	TMT330	84	TMV342M	121
TMR208	61	TMS212	49	TMT331	84	TMV343	114
TMR209	62	TMS301	51	TMT332	83	TMV344	118
TMR210	62	TMS302	51	TMT334	86	TMV344M	121
TMR211	62	TMS400	53	TMT344	85	TMV351	116
TMR301	58	TMS401	52	TMT354	86	TMV351M-357M	120
TMR302	58	TMS402	51	TMT3723	82	TMV352	116
TMR303	58	TMS403	52	TMV101	112	TMV353	116
TMR304	58	TMS404	52	TMV102	112	TMV354	116
TMR305	59	TMS405	52	TMV103	112	TMV355	116
TMR306	59	TMS406	52	TMV105	116	TMV356	116
TMR307	60	TMS500	53	TMV105M	120	TMV357	116
TMR308	59	TMS501	53	TMV110	117	TMV359	116
TMR309	59	TMS505	53	TMV111	116	TMV359M	120
TMR310	59	TMS601	54	TMV111M	120	TMV361	119
TMR313	58	TMS602	54	TMV118	117	TMV374	113
TMR315	59	TMS603	54	TMV121	117	TMV401	118
TMR322	60	TMS604	54	TMV123	117	TMV402	118
TMR323	60	TMS605	54	TMV126	116	TMV402M	121
TMR326	60	TMS606	55	TMV126M	120	TMV404	118
TMR327	60	TMS607	55	TMV131	117	TMV404M	121
TMR401	63	TMS608	55	TMV134	117	TMV501	116
TMR402	63	TMS609	55	TMV135	117	TMV501M	120
TMR408	63	TMS610	55	TMV136	117	TMV502	116
TMR500	56	TMS701	111	TMV142	117	TMV502M	120
TMR501	56	TMS702	111	TMV143	119	TMV503	116
TMR502	56	TMT011	81	TMV144	119	TMV503M	120
TMR504	56	TMT101	81	TMV145	119	TMV504	116
TMR508	56	TMT102	81	TMV146	119	TMV504M	120
TMR513	57	TMT103	81	TMV148	119	TMV505	116
TMR532	63	TMT105	81	TMV149	119	TMV505M	120
TMR573	57	TMT106	81	TMV154	117	TMV506	116
TMR600	63	TMT106I	81	TMV157	116	TMV506M	120
TMR601	63	TMT107	81	TMV157M	120	TMV507	116
TMR602	63	TMT108	81	TMV165	116	TMV507M	120
TMR603	63	TMT109	81	TMV165M	120	TMV508	116
TMR604	63	TMT110	81	TMV170	113	TMV508M	120
TMS101	44	TMT111	82	TMV172	113	TMV509	116
TMS102	44	TMT112	82	TMV174	113	TMV509M	120
TMS103	44	TMT113	78	TMV178	117	TMV516	117
TMS104	44	TMT114	78	TMV179	116	TMV551	112
TMS105	44	TMT120	87	TMV179M	120	TMV552	112
TMS106	45	TMT121	87	TMV180	113	TMV553	112
TMS107	45	TMT130	89	TMV181	113	TMV556	112
TMS108	45	TMT131	89	TMV182	53	TMV557	112
TMS109	45	TMT132	89	TMV182	113	TMV558	112
TMS110	45	TMT201	121	TMV185	113	TMV559	112
TMS111	47	TMT202	121	TMV186	113	TMV701	116
TMS112	47	TMT203	121	TMV187	113	TMV701M	120
TMS113	47	TMT204	121	TMV190	113	TMV704	116
TMS114	47	TMT205	121	TMV191	111	TMV704M	120
TMS115	47	TMT300	83	TMV191	113	TMV706	116
TMS116	48	TMT301	84	TMV203	118	TMV706M	120
TMS117	48	TMT302	88	TMV203M	121	TMV707	116
TMS118	48	TMT303	88	TMV214	118	TMV707M	120
TMS119	48	TMT304	82	TMV215	119	TMW101	95
TMS120	48	TMT305	89	TMV217	119	TMZ101	92
TMS121	46	TMT306	94	TMV226	118	TMZ102	92
TMS122	46	TMT309	87	TMV242	118	TMZ103	92
TMS123	46	TMT310	87	TMV243	114	TMZ104	92
TMS124	46	TMT311	87	TMV244	114	TMZ105-TMZ108	93
TMS125	51	TMT312	83	TMV245	114	TMZ110- TMZ111	93
TMS126	51	TMT314	85	TMV246	114	TMZ115- TMZ116	93