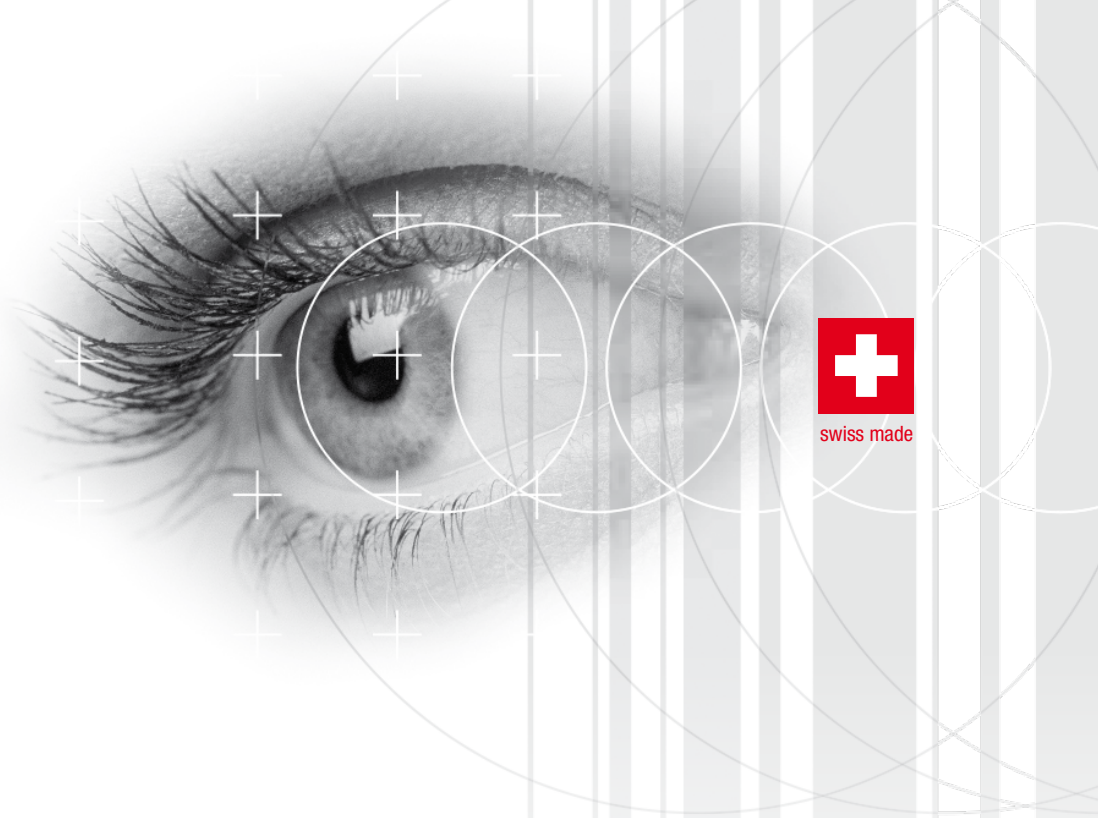
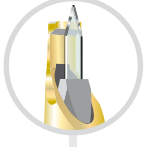
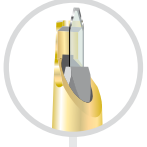




100 Surgeries with one Meyco diamond knife?  
1.000 Surgeries with one Meyco diamond knife?

You will not believe it –  
it can perform 10.000  
surgeries without resharpening!



Swiss Diamond Technology  
[www.meyco.ch](http://www.meyco.ch)



It is the statement of Dr. A. Hennig, who built up the Lahan Eye Hospital in Nepal. They cannot afford expensive disposables – they work with valuable Meyco diamond knives.

You determine the life of your diamond knife. It never ever gets dull from cutting the cornea or sclera – just avoid any contact with other instruments.

## Do you know of any cheaper knife?

Meyco diamond knives with the high precision, fully titanium handle, are a true investment for long-term use.

## Offering decades of use

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## Facts about diamond knives

- Diamond blades are the sharpest scalpels available.
  - Diamond blades never get dull only damaged by improper use!
  - Diamond blades are the most economical cutting instruments available.
- 

### How long does a diamond blade last?

Since a diamond blade cannot get dull, it lasts theoretically forever. The blade gets damaged only if it touches an instrument, another hard object or if it falls to the floor.



Swiss Diamond Technology  
[www.meyco.ch](http://www.meyco.ch)

# Handles

The handles are made from titanium and are manufactured in Switzerland.  
We differentiate between the following handles:

The MEYCO logo is printed in a bold, sans-serif font on the handle of the first tool.

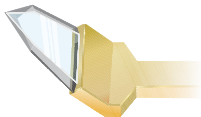
Straight handle with pressure mechanism

The MEYCO logo is printed in a bold, sans-serif font on the handle of the second tool.

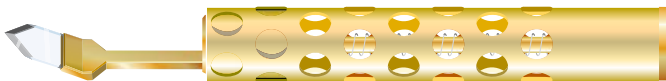
J-slot mechanism



Straight handle with cleaning slits



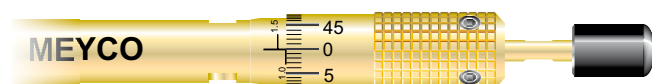
Angled



Angled handle with cleaning holes



Handle for step knives



Handle for micrometer knives

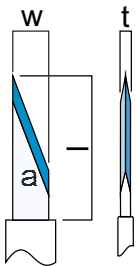
# Paracentesis incision diamond knives



Handle with a straight mounting, pressure mechanism and cleaning slits

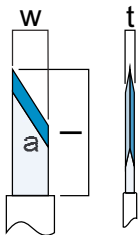
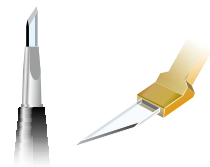


Handle with an angled mounting, j-slot mechanism



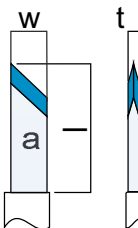
## Single edge 20°

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 0.50      | 3.50       | 0.20          | 20°       | ME104DA           | ME2104DA        |
| 1.00      | 3.50       | 0.20          | 20°       | ME107             | ME2107          |



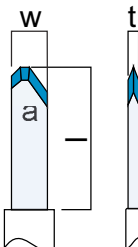
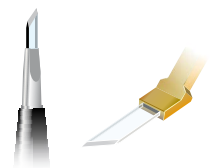
## Single edge 30°

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 1.00      | 3.50       | 0.20          | 30°       | ME106             | ME2106          |
| 1.50      | 3.50       | 0.20          | 30°       | ME102             | ME2102          |



## Single edge 45°

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 0.80      | 3.50       | 0.20          | 45°       | ME109             | ME2109          |
| 1.00      | 3.50       | 0.20          | 45°       | ME105             | ME2105          |
| 1.50      | 3.50       | 0.20          | 45°       | ME100             | ME2100          |



## Tri-facet

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 1.00      | 3.50       | 0.20          |           | ME131             | ME2131          |
| 1.50      | 3.50       | 0.20          |           | ME130             | ME2130          |



Please note: all handles are also available with cleaning holes (angled mounting) or cleaning slits (straight mounting). To order the knife with cleaning slits or cleaning holes please add a C behind the item number (e.g. ME121-C)

# Paracentesis incision diamond knives



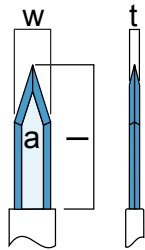
Handle with a straight mounting, pressure mechanism and cleaning slits



Handle with an angled mounting, j-slot mechanism

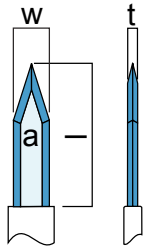
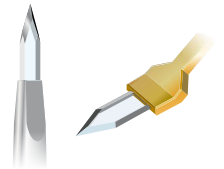


## Ultra Sharp Series blade thickness 100 micron only



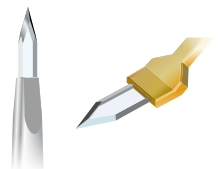
### Double lancet 30° sharp sides

| width (w) | length (l) | thickness (t) | angle (a) | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
|           |            |               |           | order no:         | order no:       |
| 0.90      | 3.50       | 0.10          | 30°       | ME124-US30        | ME2124-US30     |
| 1.00      | 3.50       | 0.10          | 30°       | ME121-US30        | ME2121-US30     |

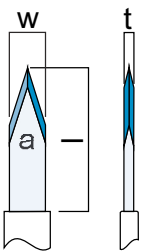


### Double lancet 30° sharp sides

| width (w) | length (l) | thickness (t) | angle (a) | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
|           |            |               |           | order no:         | order no:       |
| 1.00      | 3.50       | 0.20          | 30°       | ME121-S30         | ME2121-S30      |

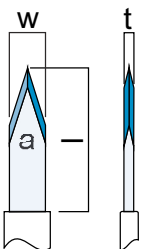
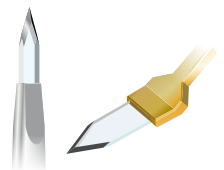


## Ultra Sharp Series blade thickness 100 micron only



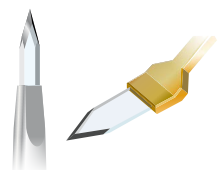
### Double lancet 30° blunt sides

| width (w) | length (l) | thickness (t) | angle (a) | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
|           |            |               |           | order no:         | order no:       |
| 0.80      | 3.50       | 0.10          | 30°       | ME123-U30         | ME2123-U30      |
| 0.90      | 3.50       | 0.10          | 30°       | ME124-U30         | ME2124-U30      |
| 1.00      | 3.50       | 0.10          | 30°       | ME121-U30         | ME2121-U30      |



### Double lancet 30° blunt sides

| width (w) | length (l) | thickness (t) | angle (a) | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
|           |            |               |           | order no:         | order no:       |
| 0.80      | 3.50       | 0.20          | 30°       | ME123-30          | ME2123-30       |
| 0.90      | 3.50       | 0.20          | 30°       | ME124-30          | ME2124-30       |
| 1.00      | 3.50       | 0.20          | 30°       | ME121-30          | ME2121-30       |



Please note: all handles are also available with cleaning holes (angled mounting) or cleaning slits (straight mounting). To order the knife with cleaning slits or cleaning holes please add a C behind the item number (e.g. ME121-C)

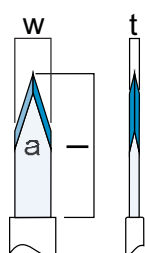
# Paracentesis incision diamond knives



Handle with a straight mounting, pressure mechanism and cleaning slits

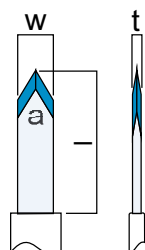
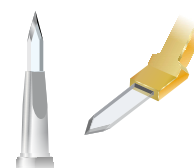


Handle with an angled mounting, j-slot mechanism



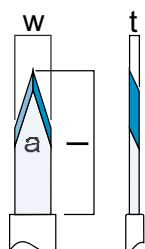
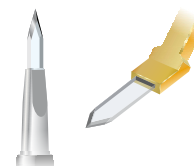
## Double lancet 40° blunt sides

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 1.00      | 3.50       | 0.20          | 40°       | ME122             | ME2122          |



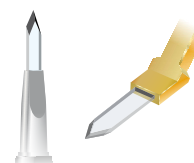
## Double lancet 60° blunt sides

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 0.80      | 3.50       | 0.20          | 60°       | ME123             | ME2123          |
| 1.00      | 3.50       | 0.20          | 60°       | ME121             | ME2121          |
| 1.50      | 3.50       | 0.20          | 60°       | ME120             | ME2120          |



## Single lancet 40°

|           |            |               |           | straight mounting | angled mounting |
|-----------|------------|---------------|-----------|-------------------|-----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:         | order no:       |
| 0.80      | 3.50       | 0.20          | 40°       | ME113             | ME2113          |
| 1.00      | 3.50       | 0.20          | 40°       | ME111             | ME2111          |

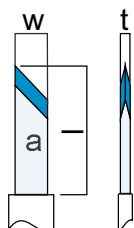
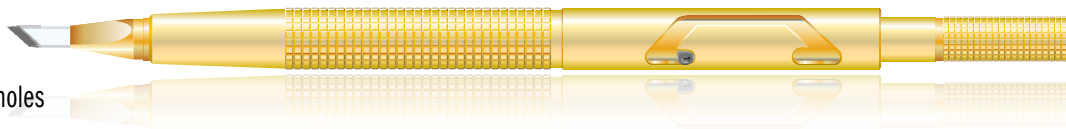


Please note: all handles are also available with cleaning holes (angled mounting) or cleaning slits (straight mounting). To order the knife with cleaning slits or cleaning holes please add a C behind the item number (e.g. ME121-C)

# Paracentesis diamond knives

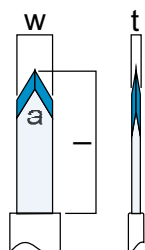


Handle with a straight mounting  
and j-slot mechanism.  
Knives are available  
with or without cleaning holes



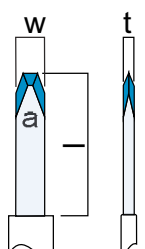
## Single edge 45°

| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 1.00      | 3.50       | 0.20          | 45°       | ME600          | ME600-C                    |



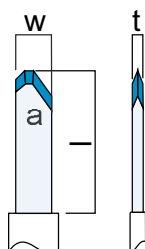
## Double lancet 60°

| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 0.80      | 3.50       | 0.20          | 60°       | ME610DA        | ME610DA-C                  |
| 1.00      | 3.50       | 0.20          | 60°       | ME610          | ME610-C                    |
| 1.50      | 3.50       | 0.20          | 60°       | ME613          | ME613-C                    |



## Tri-facet

| width (w) | length (l) | thickness (t) |  | regular handle | handle with cleaning holes |
|-----------|------------|---------------|--|----------------|----------------------------|
|           |            |               |  | order no:      | order no:                  |
| 0.80      | 2.50       | 0.20          |  | ME605          | ME605-C                    |



## Tri-facet

| width (w) | length (l) | thickness (t) |  | regular handle | handle with cleaning holes |
|-----------|------------|---------------|--|----------------|----------------------------|
|           |            |               |  | order no:      | order no:                  |
| 1.00      | 3.50       | 0.20          |  | ME620          | ME620-C                    |



# Phaco incision diamond knives with sharp sides

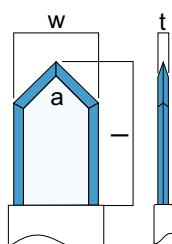


Handle with an angled mounting, j-slot mechanism and cleaning holes



**Ultra Sharp Series**  
blade thickness 100 micron only

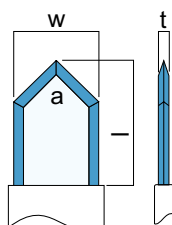
## Clear Corneal Double lancet 4mm with sharp sides 70°



|           |            |               |           | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 2.20      | 4.00       | 0.10          | 70°       | ME228DAU       | ME228DAU-C                 |
| 2.40      | 4.00       | 0.10          | 70°       | ME230DAU       | ME230DAU-C                 |
| 2.50      | 4.00       | 0.10          | 70°       | ME231DAU       | ME231DAU-C                 |
| 2.65      | 4.00       | 0.10          | 70°       | ME232DAU       | ME232DAU-C                 |
| 2.75      | 4.00       | 0.10          | 70°       | ME239DAU       | ME239DAU-C                 |
| 2.80      | 4.00       | 0.10          | 70°       | ME233DAU       | ME233DAU-C                 |
| 2.85      | 4.00       | 0.10          | 70°       | ME234DAU       | ME234DAU-C                 |
| 3.00      | 4.00       | 0.10          | 70°       | ME235DAU       | ME235DAU-C                 |



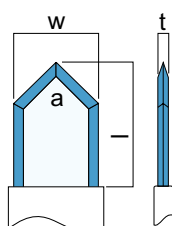
## Clear Corneal Double lancet 4mm with sharp sides 70°



|           |            |               |           | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 1.80      | 4.00       | 0.20          | 70°       | ME225DA        | ME225DA-C                  |
| 2.00      | 4.00       | 0.20          | 70°       | ME227DA        | ME227DA-C                  |
| 2.20      | 4.00       | 0.20          | 70°       | ME228DA        | ME228DA-C                  |
| 2.30      | 4.00       | 0.20          | 70°       | ME229DA        | ME229DA-C                  |
| 2.40      | 4.00       | 0.20          | 70°       | ME230DA        | ME230DA-C                  |
| 2.50      | 4.00       | 0.20          | 70°       | ME231DA        | ME231DA-C                  |
| 2.65      | 4.00       | 0.20          | 70°       | ME232DB        | ME232DB-C                  |
| 2.80      | 4.00       | 0.20          | 70°       | ME233DA        | ME233DA-C                  |
| 2.85      | 4.00       | 0.20          | 70°       | ME234DA        | ME234DA-C                  |
| 3.00      | 4.00       | 0.20          | 70°       | ME235DA        | ME235DA-C                  |
| 3.10      | 4.00       | 0.20          | 70°       | ME236DA        | ME236DA-C                  |
| 3.20      | 4.00       | 0.20          | 70°       | ME237DA        | ME237DA-C                  |



## Clear Corneal Double lancet 4mm with sharp sides 90°



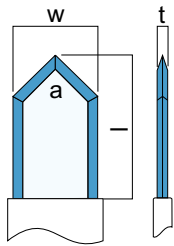
|           |            |               |           | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 1.80      | 4.00       | 0.20          | 90°       | ME225          | ME225-C                    |
| 2.00      | 4.00       | 0.20          | 90°       | ME227          | ME227-C                    |
| 2.20      | 4.00       | 0.20          | 90°       | ME228          | ME228-C                    |
| 2.30      | 4.00       | 0.20          | 90°       | ME229          | ME229-C                    |
| 2.40      | 4.00       | 0.20          | 90°       | ME230          | ME230-C                    |
| 2.50      | 4.00       | 0.20          | 90°       | ME231          | ME231-C                    |
| 2.65      | 4.00       | 0.20          | 90°       | ME232          | ME232-C                    |
| 2.80      | 4.00       | 0.20          | 90°       | ME233          | ME233-C                    |
| 2.85      | 4.00       | 0.20          | 90°       | ME234          | ME234-C                    |
| 3.00      | 4.00       | 0.20          | 90°       | ME235          | ME235-C                    |
| 3.10      | 4.00       | 0.20          | 90°       | ME236          | ME236-C                    |
| 3.20      | 4.00       | 0.20          | 90°       | ME237          | ME237-C                    |



# Phaco incision diamond knives with sharp sides



Handle with an angled mounting, j-slot mechanism and cleaning holes



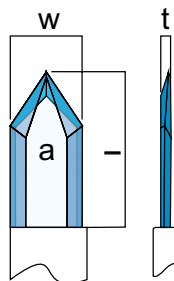
## Clear Corneal Double lancet 5mm with sharp sides 90°

| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 1.80      | 5.00       | 0.20          | 90°       | ME238          | ME238-C                    |
| 2.20      | 5.00       | 0.20          | 90°       | ME239          | ME239-C                    |
| 2.40      | 5.00       | 0.20          | 90°       | ME240          | ME240-C                    |
| 2.65      | 5.00       | 0.20          | 90°       | ME242          | ME242-C                    |
| 2.80      | 5.00       | 0.20          | 90°       | ME243          | ME243-C                    |



## 3D Phaco incision diamond knives

Handle with an angled mounting, j-slot mechanism and cleaning holes



## Clear Corneal Navigator (3D knives) 4mm 80°

| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 1.80      | 4.00       | 0.20          | 80°       | ME755          | ME755-C                    |
| 2.00      | 4.00       | 0.20          | 80°       | ME757          | ME757-C                    |
| 2.20      | 4.00       | 0.20          | 80°       | ME759          | ME759-C                    |
| 2.30      | 4.00       | 0.20          | 80°       | ME760          | ME760-C                    |
| 2.40      | 4.00       | 0.20          | 80°       | ME761          | ME761-C                    |
| 2.50      | 4.00       | 0.20          | 80°       | ME272          | ME272-C                    |
| 2.60      | 4.00       | 0.20          | 80°       | ME272DA        | ME272DA-C                  |
| 2.65      | 4.00       | 0.20          | 80°       | ME273          | ME273-C                    |
| 2.80      | 4.00       | 0.20          | 80°       | ME274          | ME274-C                    |
| 2.85      | 4.00       | 0.20          | 80°       | ME274DA        | ME274DA-C                  |
| 3.00      | 4.00       | 0.20          | 80°       | ME275          | ME275-C                    |

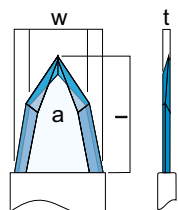


Please note: all handles are also available without cleaning holes.

# 3D Phaco incision diamond knives



Handle with an angled mounting, j-slot mechanism and cleaning holes



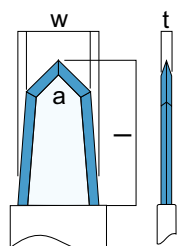
## Clear Corneal Double lancet, trapezoid (3D knife) 4mm with sharp sides 80°

|           |            |               |           | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 2.5- 3.5  | 4.00       | 0.20          | 80°       | ME200-P14      | ME200-P14-C                |



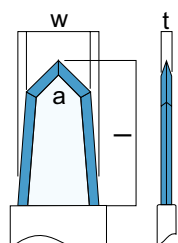
## Trapezoid phaco incision diamond knives

Handle with an angled mounting, j-slot mechanism and cleaning holes



## Clear Corneal Double lancet, trapezoid 4mm with sharp sides 80°

|             |            |               |           | regular handle | handle with cleaning holes |
|-------------|------------|---------------|-----------|----------------|----------------------------|
| width (w)   | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 1.40 - 1.60 | 4.00       | 0.20          | 80°       | ME276          | ME276-C                    |
| 1.60 - 1.80 | 4.00       | 0.20          | 80°       | ME276DA        | ME276DA-C                  |
| 1.80 - 2.00 | 4.00       | 0.20          | 80°       | ME276DB        | ME276DB-C                  |
| 1.80 - 2.20 | 4.00       | 0.20          | 80°       | ME277          | ME277-C                    |
| 1.80 - 2.40 | 4.00       | 0.20          | 80°       | ME277DA        | ME277DA-C                  |
| 2.50 - 2.80 | 4.00       | 0.20          | 80°       | ME278          | ME278-C                    |
| 2.75 - 2.90 | 4.00       | 0.20          | 80°       | ME279          | ME279-C                    |



## Clear Corneal Double lancet, trapezoid 4mm with sharp sides 90°

|             |            |               |           | regular handle | handle with cleaning holes |
|-------------|------------|---------------|-----------|----------------|----------------------------|
| width (w)   | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 1.10 - 1.40 | 2.50       | 0.20          | 90°       | ME772DA        | ME772DA-C                  |



Please note: all handles are also available without cleaning holes.

# Phaco incision diamond knives with blunt sides

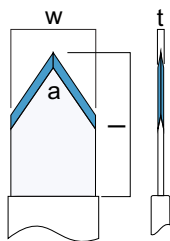


Handle with an angled mounting, j-slot mechanism and cleaning holes



**Ultra Sharp Series**  
blade thickness 100 micron only

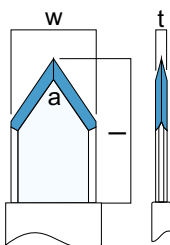
## Clear Cornea Double lancet 4mm with blunt sides 70°



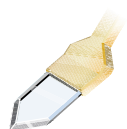
| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 2.20      | 4.00       | 0.10          | 70°       | ME213DAU       | ME213DAU-C                 |
| 2.40      | 4.00       | 0.10          | 70°       | ME213U         | ME213U-C                   |
| 2.50      | 4.00       | 0.10          | 70°       | ME214U         | ME214U-C                   |
| 2.65      | 4.00       | 0.10          | 70°       | ME215U         | ME215U-C                   |
| 2.75      | 4.00       | 0.10          | 70°       | ME204U         | ME204U-C                   |
| 2.80      | 4.00       | 0.10          | 70°       | ME216U         | ME216U-C                   |
| 2.85      | 4.00       | 0.10          | 70°       | ME217U         | ME217U-C                   |
| 3.00      | 4.00       | 0.10          | 70°       | ME218U         | ME218U-C                   |



## Clear Cornea Double lancet 4mm with blunt sides 70°



| width (w) | length (l) | thickness (t) | angle (a) | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
|           |            |               |           | order no:      | order no:                  |
| 2.20      | 4.00       | 0.20          | 70°       | ME200          | ME200-C                    |
| 2.30      | 4.00       | 0.20          | 70°       | ME201          | ME201-C                    |
| 2.40      | 4.00       | 0.20          | 70°       | ME202          | ME202-C                    |
| 2.50      | 4.00       | 0.20          | 70°       | ME203          | ME203-C                    |
| 2.65      | 4.00       | 0.20          | 70°       | ME205          | ME205-C                    |
| 2.75      | 4.00       | 0.20          | 70°       | ME206          | ME206-C                    |
| 2.80      | 4.00       | 0.20          | 70°       | ME206DA        | ME206DA-C                  |
| 2.85      | 4.00       | 0.20          | 70°       | ME207          | ME207-C                    |
| 3.00      | 4.00       | 0.20          | 70°       | ME208          | ME208-C                    |
| 3.10      | 4.00       | 0.20          | 70°       | ME209          | ME209-C                    |



Please note: all handles are also available without cleaning holes.

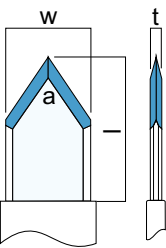
# Phaco incision diamond knives with blunt sides



Handle with an angled mounting, j-slot mechanism and cleaning holes



## Clear Cornea Single lancet 4mm with blunt sides 70°



|           |            |               |           | regular handle | handle with cleaning holes |
|-----------|------------|---------------|-----------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      | order no:                  |
| 2.20      | 4.00       | 0.20          | 70°       | ME213DA        | ME213DA-C                  |
| 2.30      | 4.00       | 0.20          | 70°       | ME213DB        | ME213DB-C                  |
| 2.40      | 4.00       | 0.20          | 70°       | ME213          | ME213-C                    |
| 2.50      | 4.00       | 0.20          | 70°       | ME214          | ME214-C                    |
| 2.65      | 4.00       | 0.20          | 70°       | ME215          | ME215-C                    |
| 2.80      | 4.00       | 0.20          | 70°       | ME216          | ME216-C                    |
| 2.85      | 4.00       | 0.20          | 70°       | ME217          | ME217-C                    |
| 3.00      | 4.00       | 0.20          | 70°       | ME218          | ME218-C                    |
| 3.10      | 4.00       | 0.20          | 70°       | ME219          | ME219-C                    |

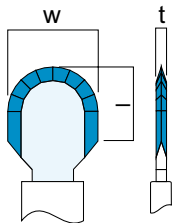


Please note: all handles are also available without cleaning holes.

# Crescent diamond knives

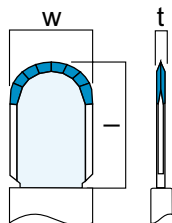
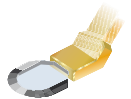


Handle with an angled mounting, j-slot mechanism and cleaning holes



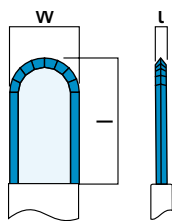
## Crescent diamond knife with sharp sides

|           |            |               | regular handle | handle with cleaning holes |
|-----------|------------|---------------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | order no:      | order no:                  |
| 2.50      | 3.50       | 0.20          | ME280          | ME280-C                    |



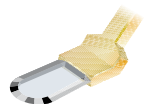
## Crescent diamond knives with blunt sides

|           |            |               | regular handle | handle with cleaning holes |
|-----------|------------|---------------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | order no:      | order no:                  |
| 1.00      | 4.00       | 0.20          | ME281DA        | ME281DA-C                  |
| 2.50      | 4.00       | 0.20          | ME281          | ME281-C                    |



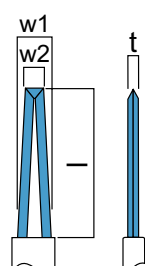
## Tunnel diamond knives with sharp sides

|           |            |               | regular handle | handle with cleaning holes |
|-----------|------------|---------------|----------------|----------------------------|
| width (w) | length (l) | thickness (t) | order no:      | order no:                  |
| 1.50      | 4.00       | 0.20          | ME284          | ME284-C                    |
| 2.00      | 4.00       | 0.20          | ME285          | ME285-C                    |



# Multi purpose diamond knives to Dr. Zaldivar

Step cut, scleral tunnel incision, opening the anterior chamber, wound widening for IOL implantation



|             |             |            |               | regular handle | handle with cleaning holes |
|-------------|-------------|------------|---------------|----------------|----------------------------|
| width (w) 1 | width (w) 2 | length (l) | thickness (t) | order no:      | order no:                  |
| 1.00        | 0.55        | 4.50       | 0.15          | ME297          | ME297-C                    |

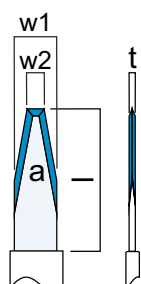


Please note: all handles are also available without cleaning holes.

# Limbal relaxing incision diamond knives



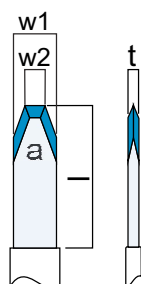
## Micrometer knife with one side footplate for better control



| width (w) 1 | width (w) 2 | length (l) | thickness (t) | angle (a) | regular handle | order no: |
|-------------|-------------|------------|---------------|-----------|----------------|-----------|
| 1.00        | 0.40        | 3.00       | 0.10          | 20°       |                | ME435     |



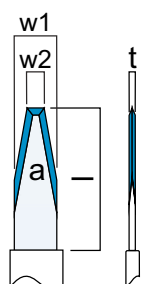
## Preset step knives with 1 setting



| preset at | width (w) 1 | width (w) 2 | length (l) | thickness (t) | angle (a) | regular handle | order no: |
|-----------|-------------|-------------|------------|---------------|-----------|----------------|-----------|
| 0.50      | 1.00        | 0.40        | 2.00       | 0.20          | 40°       |                | ME709     |
| 0.55      | 1.00        | 0.40        | 2.00       | 0.20          | 40°       |                | ME704     |
| 0.60      | 1.00        | 0.40        | 2.00       | 0.20          | 40°       |                | ME700     |
| 0.65      | 1.00        | 0.40        | 2.00       | 0.20          | 40°       |                | ME701     |



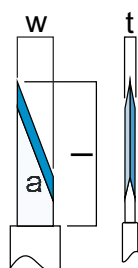
## Preset step knife with 3 settings: 0.50 / 0.55 / 0.60



| width (w) 1 | width (w) 2 | length (l) | thickness (t) | angle (a) | regular handle | order no: |
|-------------|-------------|------------|---------------|-----------|----------------|-----------|
| 1.00        | 0.40        | 3.00       | 0.10          | 40°       |                | ME707     |

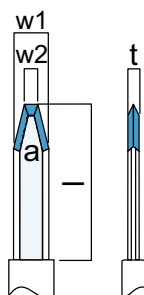


# Diamond knives for glaucoma surgery



## Single edge 20° handle with pressure mechanism

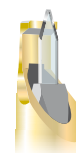
| width (w) | length (l) | thickness (t) | angle (a) | regular handle |           |
|-----------|------------|---------------|-----------|----------------|-----------|
|           |            |               |           | order no:      | order no: |
| 0.50      | 3.50       | 0.20          | 20°       | ME104DA        | ME104DA-C |



## Step knife to Dr. Carassa

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | regular handle |           |
|------------|------------|------------|---------------|-----------|----------------|-----------|
|            |            |            |               |           | order no:      | order no: |
| 1.00       | 0.30       | 3.50       | 0.20          | 25°       | ME312          |           |



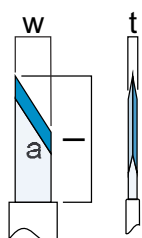
# Step diamond knives



The diamond knives with preselectable cutting depths; a guarantee for optimum cutting security.

The one sided footplate allows an optimum viewing of the diamond blade. The step diamond knife is a Meyco innovation which has been manufactured since 1987.

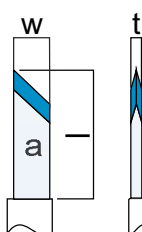
The standard actuation is for right hand execution; left hand is also available.



## Step knife single edge 30°

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

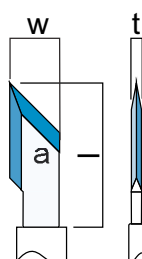
| regular handle |            |               |           |           |
|----------------|------------|---------------|-----------|-----------|
| width (w)      | length (l) | thickness (t) | angle (a) | order no: |
| 1.00           | 3.50       | 0.20          | 30°       | ME302     |



## Step knife single edge 45°

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

| regular handle |            |               |           |           |
|----------------|------------|---------------|-----------|-----------|
| width (w)      | length (l) | thickness (t) | angle (a) | order no: |
| 1.00           | 3.50       | 0.20          | 45°       | ME300     |

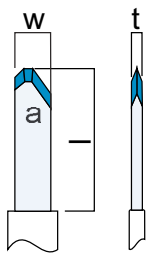


## Step knife 2 facets 45°

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

| regular handle |            |               |           |           |
|----------------|------------|---------------|-----------|-----------|
| width (w)      | length (l) | thickness (t) | angle (a) | order no: |
| 1.40           | 3.50       | 0.20          | 45°       | ME305     |

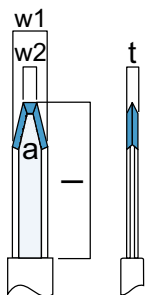




## Step knife 3 facets

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

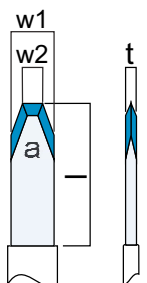
|           |            |               |           |  | regular handle |
|-----------|------------|---------------|-----------|--|----------------|
| width (w) | length (l) | thickness (t) | angle (a) |  | order no:      |
| 1.00      | 3.50       | 0.20          | 45°       |  | ME310          |



## Step knife to Dr. Carassa

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

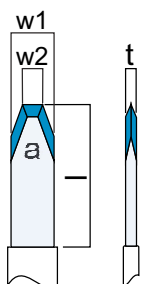
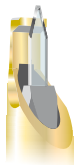
|            |            |            |               |           | regular handle |
|------------|------------|------------|---------------|-----------|----------------|
| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | order no:      |
| 1.00       | 0.30       | 3.50       | 0.20          | 25°       | ME312          |



## Step knife 3 facets

(cutting depth: 0.3 / 0.6)

|            |            |            |               |           | regular handle |
|------------|------------|------------|---------------|-----------|----------------|
| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | order no:      |
| 1.00       | 0.40       | 4.00       | 0.20          | 40°       | ME300-P7       |



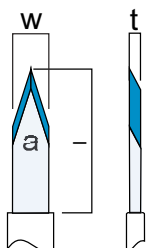
## Step knife 3 facets

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

|            |            |            |               |           | regular handle |
|------------|------------|------------|---------------|-----------|----------------|
| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | order no:      |
| 1.00       | 0.40       | 4.00       | 0.20          | 40°       | ME300-P7MA     |



# Step diamond knives

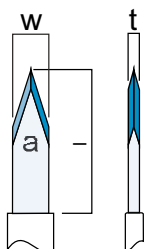


## Step knife single lancet 40°

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

regular handle

| width (w) | length (l) | thickness (t) | angle (a) | order no: |
|-----------|------------|---------------|-----------|-----------|
| 1.00      | 3.50       | 0.20          | 40°       | ME315     |

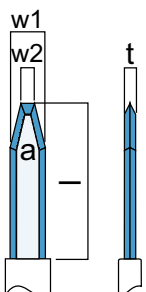


## Step knife double lancet 60°

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

regular handle

| width (w) | length (l) | thickness (t) | angle (a) | order no: |
|-----------|------------|---------------|-----------|-----------|
| 1.00      | 3.50       | 0.20          | 60°       | ME317     |

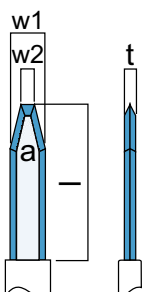


## Step knife to Dr. Osher

(cutting depth: 0.15 / 0.20 / 0.25 / 0.30 / 0.37 / 0.50 / 4.00)

regular handle

| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | order no: |
|------------|------------|------------|---------------|-----------|-----------|
| 1.00       | 0.40       | 3.50       | 0.20          | 45°       | ME318     |



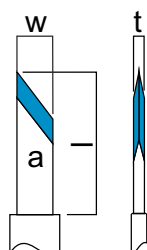
## Step knife to Dr. Osher

(cutting depth: 0.30 / 0.60 / 4.0)

regular handle

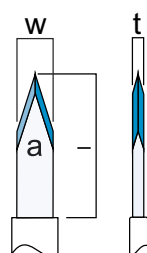
| width (w1) | width (w2) | length (l) | thickness (t) | angle (a) | order no: |
|------------|------------|------------|---------------|-----------|-----------|
| 1.00       | 0.40       | 3.50       | 0.20          | 45°       | ME318MA   |





## Retina diamond knife to Dr. Molfetta for cutting subretinal membranes.

|           |            |               |           | regular handle |
|-----------|------------|---------------|-----------|----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      |
| 0.90      | 3.00       | 0.20          | 45°       | ME502          |



## Double lancet diamond knife for vitrectomy surgery to cut the vein

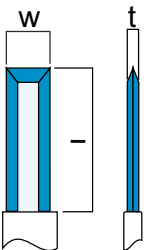
|           |            |               |           | regular handle |
|-----------|------------|---------------|-----------|----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      |
| 0.50      | 2.00       | 0.10          | 40°       | ME527          |



# Diamond knives with micrometer for refractive surgery



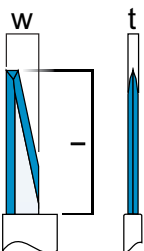
The high precision instrument that has proven itself thousands of times over the years with its unique advantages: a micrometer of the highest precision, with an easy legible black scale a footplate that allows the best possible view on the diamond blade, with absolutely parallel footplates, which guarantee that the set cutting depth is precisely reached. A superfine polished right angle (a) footplate which glides very smoothly over the cornea simple pressure mechanism range: 0 - 1.50 mm



### RK diamond knife

| regular handle |            |               |           |
|----------------|------------|---------------|-----------|
| width (w)      | length (l) | thickness (t) | order no: |
| 1.00           | 3.00       | 0.20          | ME420     |

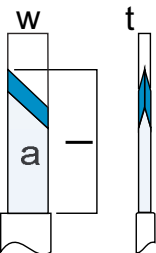
corresponding measuring gauge ME459



### RK diamond knife to Dr. Thornton

| regular handle |            |               |           |           |
|----------------|------------|---------------|-----------|-----------|
| width (w)      | length (l) | thickness (t) | angle (a) | order no: |
| 0.80           | 3.50       | 0.10          | 15°       | ME425     |

corresponding measuring gauge ME459



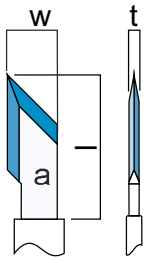
### Double edge 45° RK diamond knives

| regular handle |            |               |           |           |
|----------------|------------|---------------|-----------|-----------|
| width (w)      | length (l) | thickness (t) | angle (a) | order no: |
| 1.00           | 3.50       | 0.20          | 45°       | ME450     |
| 1.00           | 3.50       | 0.10          | 45°       | ME451     |

corresponding measuring gauge ME459



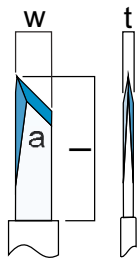
# Diamond knives with micrometer for refractive surgery



## RK diamond knives double edge

|           |            |               |           | regular handle |
|-----------|------------|---------------|-----------|----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      |
| 1.40      | 3.50       | 0.20          | 45°       | ME400          |
| 1.40      | 3.50       | 0.10          | 45°       | ME401          |

corresponding measuring gauge ME409



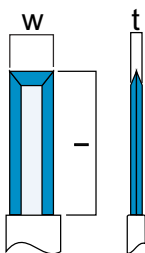
## RK diamond knives 2 facets

|           |            |               |           | regular handle |
|-----------|------------|---------------|-----------|----------------|
| width (w) | length (l) | thickness (t) | angle (a) | order no:      |
| 1.00      | 3.50       | 0.10          | 45°       | ME410          |
| 1.00      | 3.50       | 0.20          | 45°       | ME411          |

corresponding measuring gauge ME459



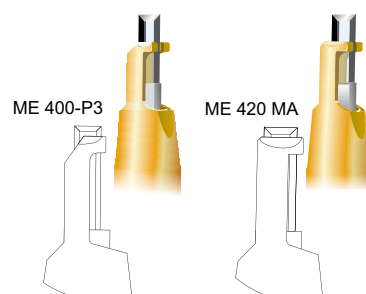
# Diamond knives for Kera Rings and Intacs implantation



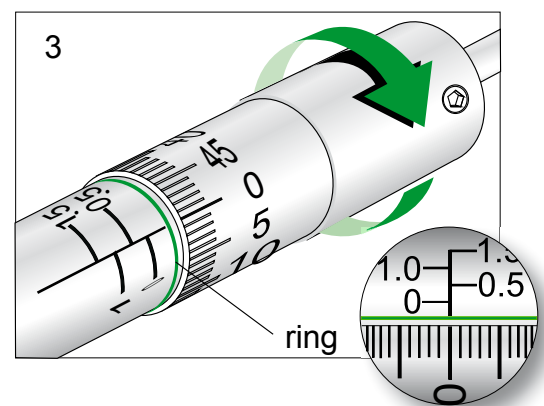
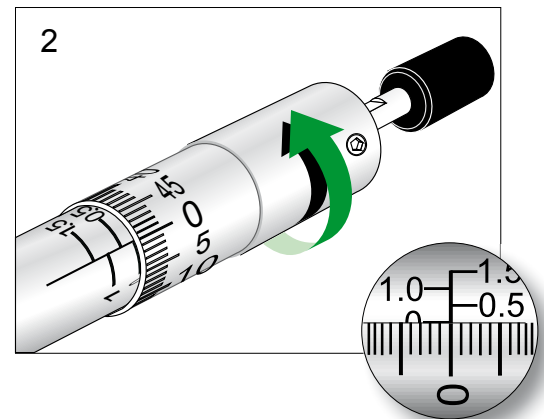
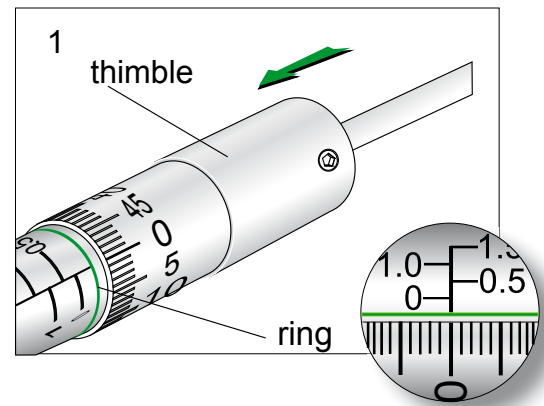
## Micrometer diamond knives to perform a small incision in the surface of the cornea

|           |            |               |  | regular handle |
|-----------|------------|---------------|--|----------------|
| width (w) | length (l) | thickness (t) |  | order no:      |
| 0.80      | 3.50       | 0.10          |  | ME400-P3       |
| 1.00      | 3.50       | 0.20          |  | ME420MA        |

corresponding measuring gauge ME459



# Setting the micrometer dial



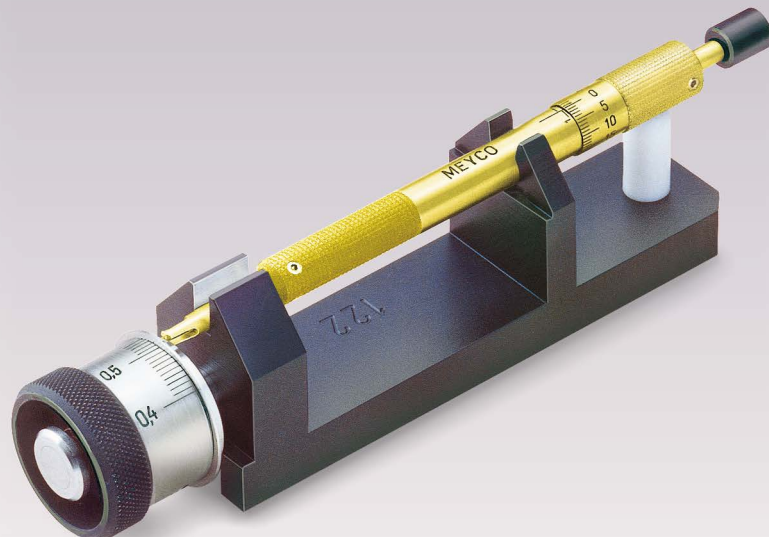
1. If the guidance line is visible the push button may be pressed gently
2. If the guidance line is not visible, the push button must not be pressed
3. The push button must always be pressed gently. Never with force! If it is pressed with force the inside sapphire bullet breaks which makes the knife unusable.

## Measuring gauge;

- Turn the micrometer dial to the 2nd marker ring
- Hold the blade upright and activate the pressure mechanism
- Turn the micrometer dial to zero – the tip of the diamond blade should be level with the guide shoe.
- Set the required cutting depth  
1 turn = 0.50 mm

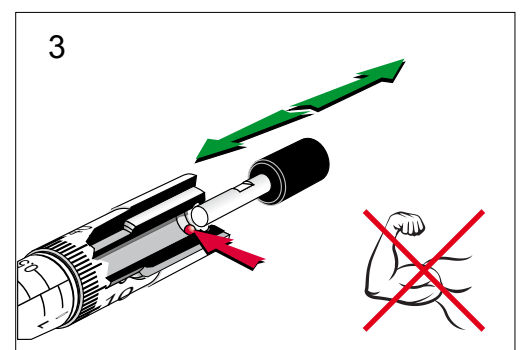
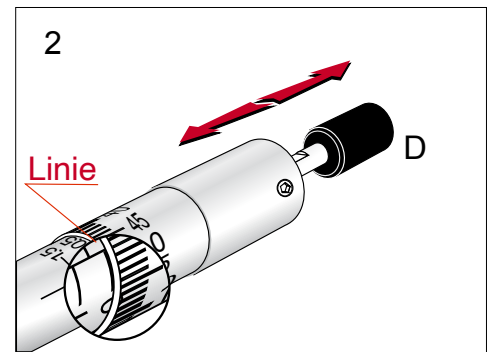
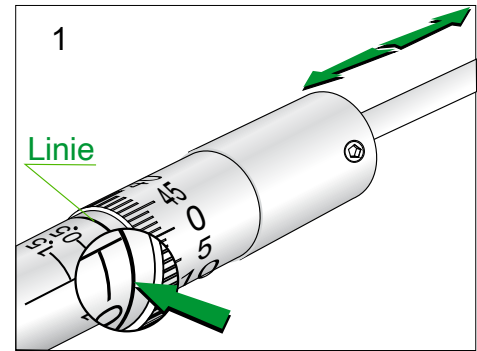
We recommend that the cutting depth should be checked. The cutting depth can be measured using an ME409 (for DK-Blades double edged) or ME459 (for M-Blades single edged) device.

Measuring gauge for checking the depth of incision setting



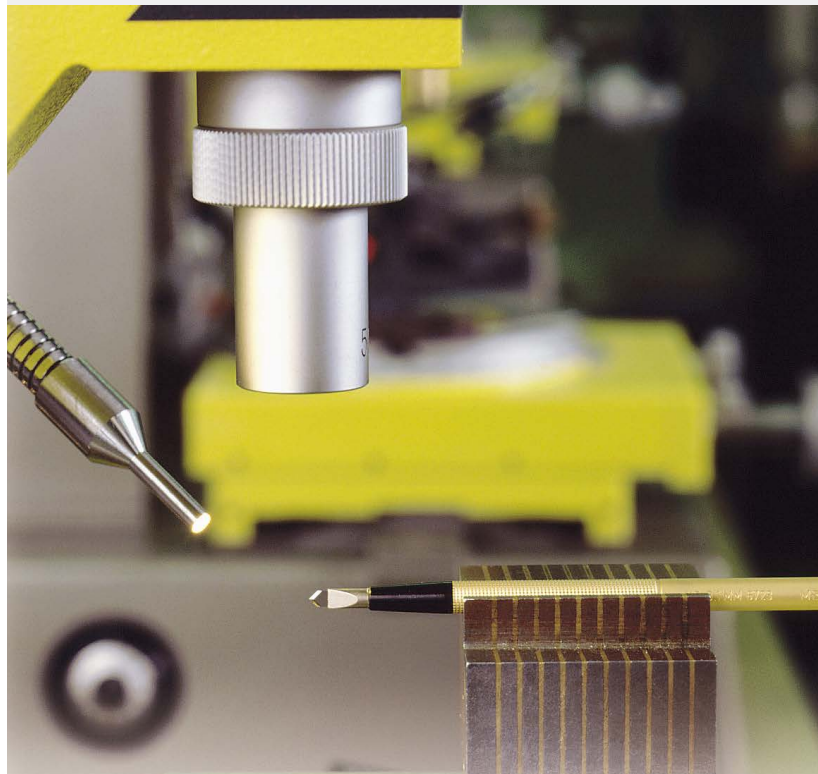
# Correct handling instructions for the micrometer knives

1. If the guidance line is visible the push button may be pressed gently
2. If the guidance line is not visible, the push button must not be pressed
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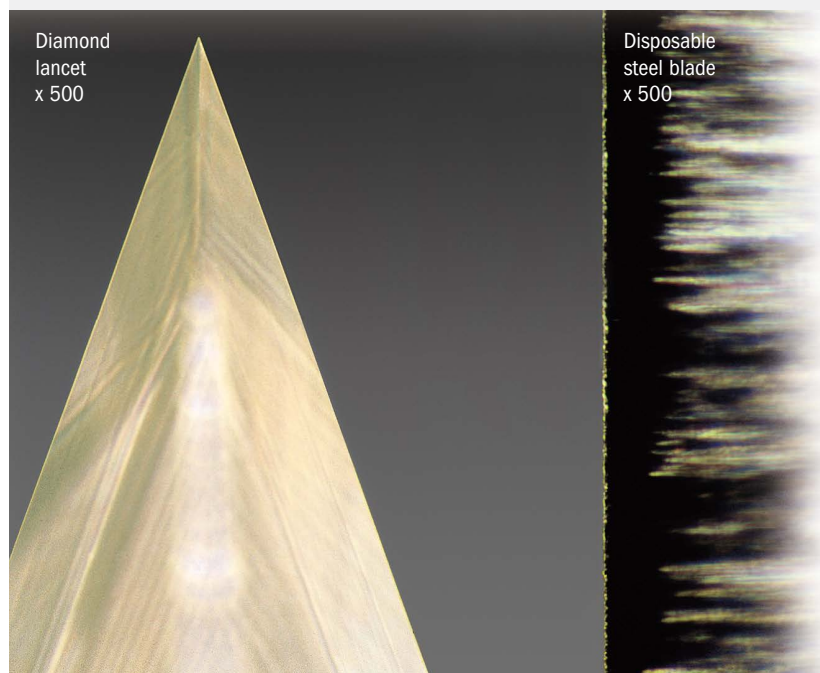


**READ  
CAREFULLY**

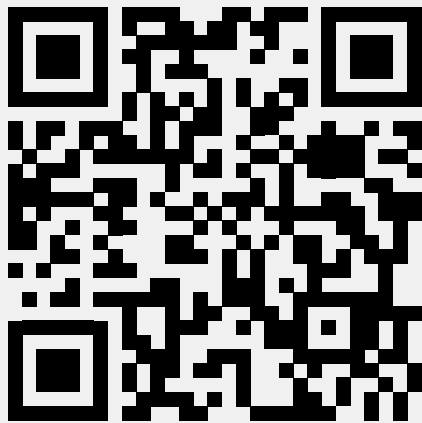
# Pre-delivery inspection



Only diamond, as the hardest known material, can be grind so smoothly that it's cutting edge is still perfect under 500x magnification. Each Meyco diamond blade is checked under this magnification after the final grinding.



According to the Rosiwal scale, a diamond has an abrasive hardness of 140 times that of sapphire and ruby (corundum). This explains why the cornea can be cut so smoothly with a perfectly grind diamond.



Find the current IFU here:  
[www.meyco.ch](http://www.meyco.ch)

Most of our diamond blades can be resharpened several times (except ME-425) if they are not too severely damaged.

For each repair, the handle is totally dismantled. All mechanical parts are cleaned, checked and replaced if necessary. Micrometer and step knives are recalibrated.

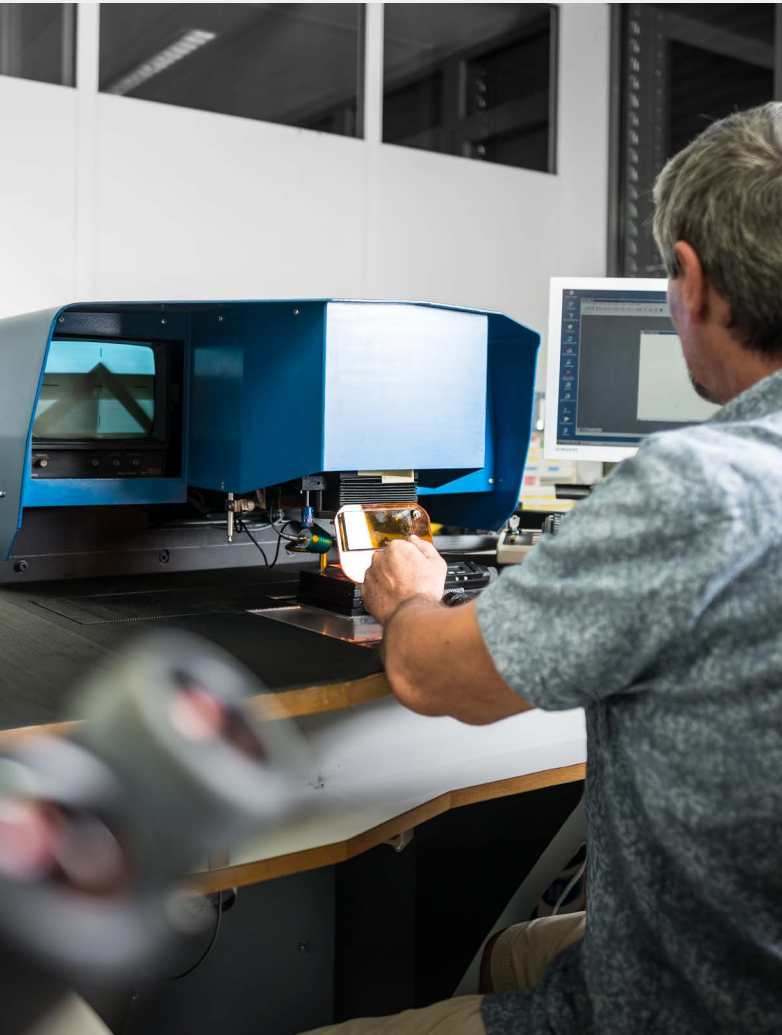
After grinding, the diamond blade is checked at the same standard as new knives.

We always do our best in order to return your repairs as soon as possible.

However, the lead time may vary due to the many different kind of blade types we receive for resharpening.



Swiss quality production



The shape of the blades is cut with a Yag laser.



Most mechanical parts are made from Titanium, manufactured on high precision CNC machines. Meyco diamond knives can therefore be sterilized by any conventional method.

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