



SURGICUT

OPHTHALMIC MICROSURGICAL KNIVES

INNOVATION CREATES SHARPER BLADES

Consistent Performance

Uniformly manufactured to ensure dependable quality and safe ophthalmic surgery for every patient.

Sharper Blades

Highly developed electro-etching technology ensures extremely sharp blades for precision incisions.

Superior Craftsmanship

Designed to the highest ergonomic specifications and safety standards, available in a wide range of sizes and variations to suit every surgery.



DISCOVER THE SURGICUT FULL RANGE

SURGICUT



SURGICUT
PROTECT

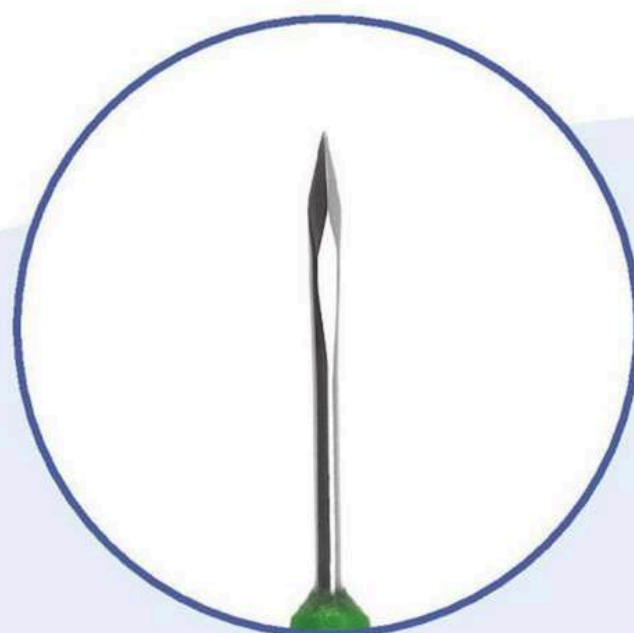
DISCOVER THE SURGICUT FULL RANGE

All available in Protect or Ergonomic handle design



Slit Knives

Single & Double Bevel



MVR Knives

Straight & Angled

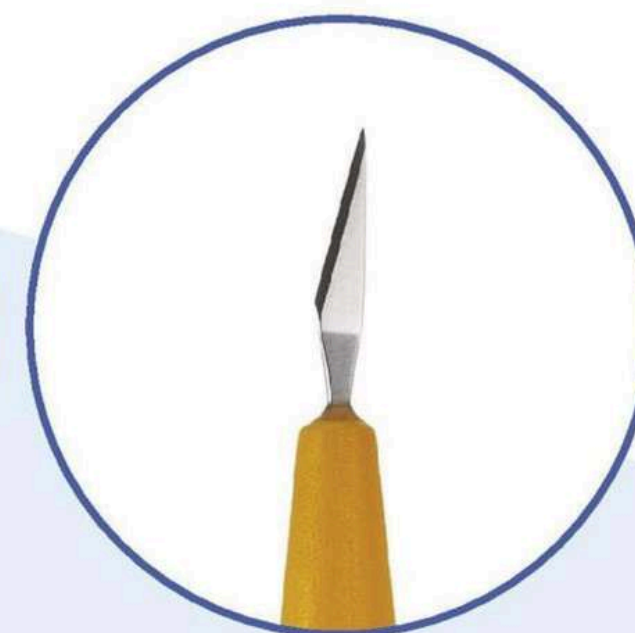


Crescent Knives



Clear-Cornea Knives

Single & Double Bevel

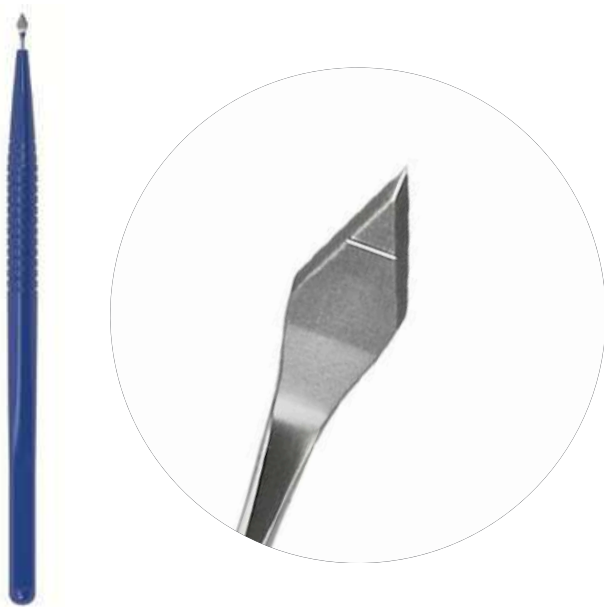


Straight Knives

PRODUCT SPECIFICATIONS - SURGICUT

Slit-Knives

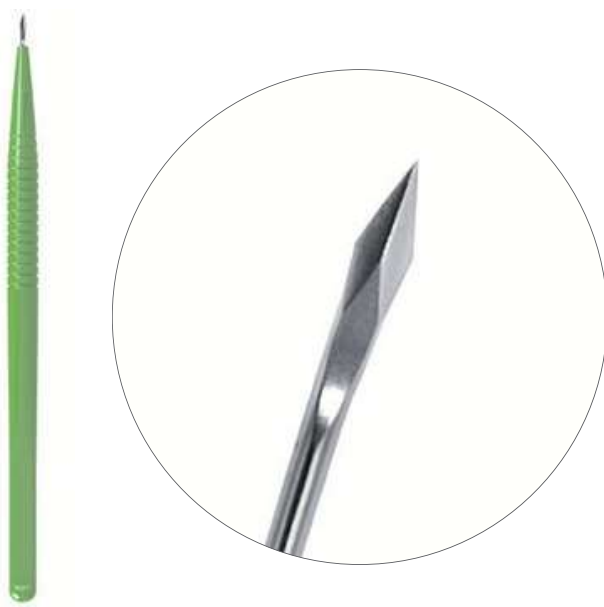
10 knives per box, 45° angled
typical application: corneal and scleral incision



Product	Article-No.	Product	Article-No.
1.0mm	SSL10S	2.5mm	SSL25S
1.2mm	SSL12S	2.6mm	SSL26S
1.4mm	SSL14S	2.65mm	SSL265S
1.6mm	SSL16S	2.75mm	SSL275S
1.8mm	SSL18S	2.8mm	SSL28S
2.0mm	SSL20S	2.85mm	SSL285S
2.2mm	SSL22S	3.0mm	SSL30S
2.4mm	SSL24S	3.2mm	SSL32S

MVR Knives & Lances

10 knives per box
typical application: paracentesis,
scleral, posterior ports



Product	Straight Article-No.	Angled - 45° Article No.
MVR 19G	SVR19	SVR19A
MVR 20G	SVR20	SVR20A
MVR 21G	-	SVR21A
MVR 23G	SVR23	SVR23A
MVR 24G	SVR24	SVR24A
MVR 25G	SVR25	SVR25A

Crescent Knives

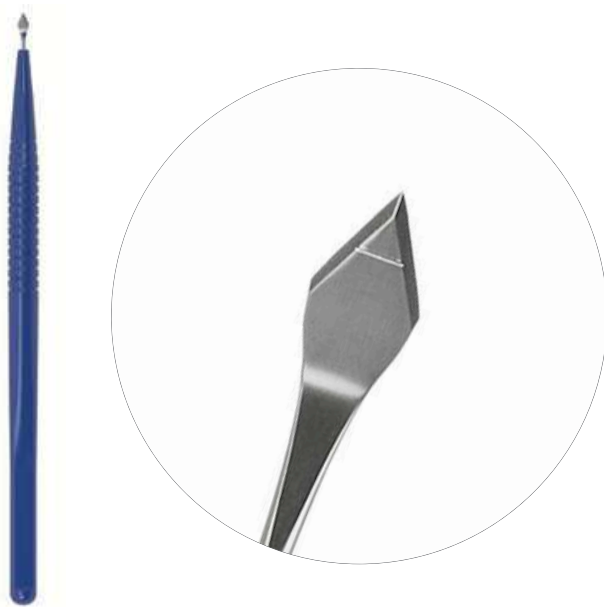
10 knives per box
typical application: scleral tunnels and
flaps



Product	Article-No.
Crescent Bevel-Up 2.0mm	SCU20
Crescent Bevel-Up 2.2mm	SCU22
Crescent Bevel-Up 2.6mm	SCU26
Crescent Bevel-Down 2.2mm	SCD22
Crescent Bevel-Down 2.6mm	SCD26
Crescent Straight 2.6mm	SCS26

Clear-Cornea Knives

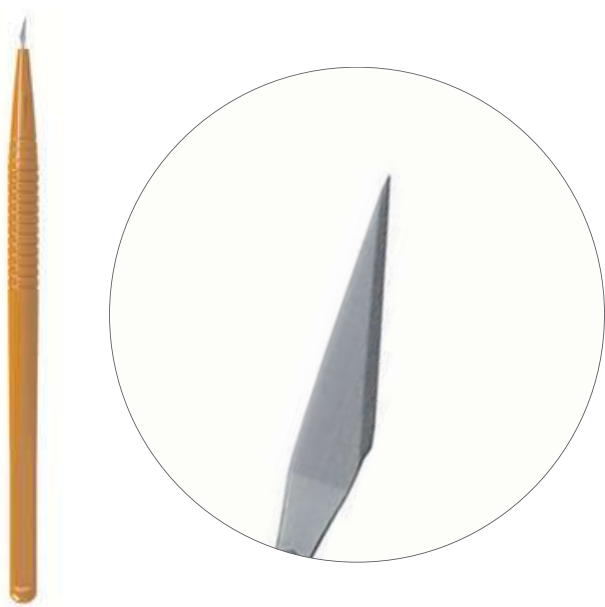
10 knives per box, 45° angled
typical application: corneal and scleral
incision



Product	Article-No.	Product	Article-No.
1.0mm	SCC10S	2.5mm	SCC25S
1.2mm	SCC12S	2.6mm	SCC26S
1.4mm	SCC14S	2.65mm	SCC265S
1.6mm	SCC16S	2.75mm	SCC275S
1.8mm	SCC18S	2.8mm	SCC28S
2.0mm	SCC20S	2.85mm	SCC285S
2.2mm	SCC22S	3.0mm	SCC30S
2.4mm	SCC24S	3.2mm	SCC32S

Straight Knives

10 knives per box
typical application: paracentesis,
scleral groove



Product	Article-No.
Straight Knife 15°	SST 15
Straight Knife 22.5°	SST 22
Straight Knife 30°	SST30
Straight Knife 45°	SST45

PRODUCT SPECIFICATIONS - SURGICUT PROTECT

Slit-Knives

10 knives per box, 45° angled
typical application: corneal and scleral incision



Product	Article-No.	Product	Article-No.
1.0mm	SSL10SP	2.5mm	SSL25SP
1.2mm	SSL12SP	2.6mm	SSL26SP
1.4mm	SSL14SP	2.65mm	SSL265SP
1.6mm	SSL16SP	2.75mm	SSL275SP
1.8mm	SSL18SP	2.8mm	SSL28SP
2.0mm	SSL20SP	2.85mm	SSL285SP
2.2mm	SSL22SP	3.0mm	SSL30SP
2.4mm	SSL24SP	3.2mm	SSL32SP

MVR Knives & Lances

10 knives per box
typical application: paracentesis,
scleral & posterior ports



Product	Straight Article -No.	Angled - 45° Article No.
MVR Protect 19G	SVR19P	SVR19AP
MVR Protect 20G	SVR20P	SVR20AP
MVR Protect 21G	-	SVR21AP
MVR Protect 23G	SVR23P	SVR23AP
MVR Protect 24G	SVR24P	SVR24AP
MVR Protect 25G	SVR25P	SVR25AP

Crescent Knives

10 knives per box
typical application: scleral
tunnels and flaps



Product	Article-No.
Crescent Protect Bevel-Up 2.0mm	SCU20P
Crescent Protect Bevel-Up 2.2mm	SCU22P
Crescent Protect Bevel-Up 2.6mm	SCU26P
Crescent Protect Bevel-Down 2.2mm	SCD22P
Crescent Protect Bevel-Down 2.6mm	SCD26P
Crescent Protect Straight 2.6mm	SCS26P

Clear-Cornea Knives

10 knives per box, 45° angled
typical application: corneal and
scleral incision



Product	Article-No.	Product	Article-No.
1.0mm	SCC10SP	2.5mm	SCC25SP
1.2mm	SCC12SP	2.6mm	SCC26SP
1.4mm	SCC14SP	2.65mm	SCC265SP
1.6mm	SCC16SP	2.75mm	SCC275SP
1.8mm	SCC18SP	2.8mm	SCC28SP
2.0mm	SCC20SP	2.85mm	SCC285SP
2.2mm	SCC22SP	3.0mm	SCC30SP
2.4mm	SCC24SP	3.2mm	SCC32SP

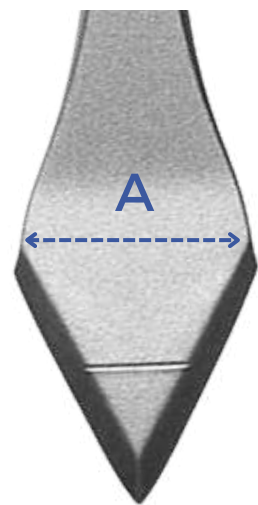
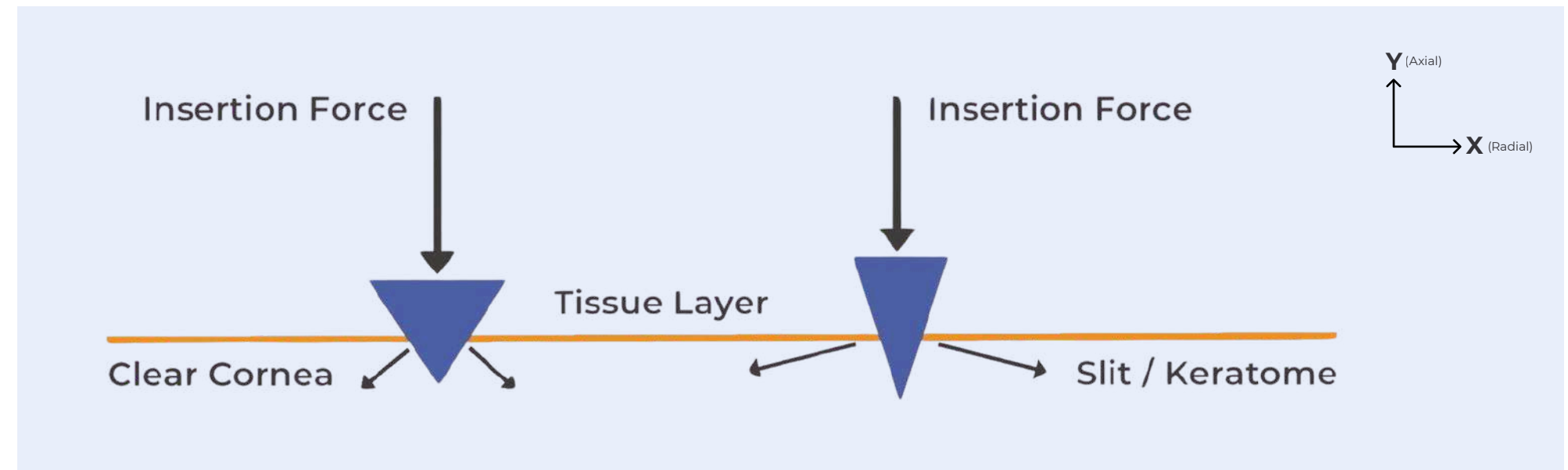
Straight Knives

10 knives per box
typical application: paracentesis,
scleral groove



Product	Article-No.
Straight Protect Knife 15°	SST 15P
Straight Protect Knife 22.5°	SST22P
Straight Protect Knife 30°	SST30P
Straight Protect Knife 45°	SST45P

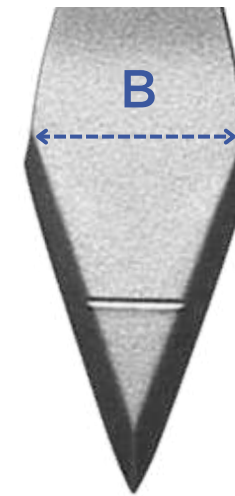
SLIT & CLEAR CORNEA DIFFERENTIATION



Clear-Cornea Knives

- A - Wider Angle
- More force need during incision
- Incision from Cornea, short incision

- With a large tip angle of 5 degrees, clear cornea knives have a shorter cutting edge than slit knives.
- To complete a straight incision such as that in a clearcornea procedure, the blade insertion depth requirement is smaller, meaning a shorter blade is sufficient.



Slit-Knives

- B - Narrow Angle
- less force need during incision
- Incision from Sclera, long incision

- Slit knives have a slightly longer blade better suited to multi stage tunnel incisions.
- The smaller angle at the tip provides greater guidance during incision, ensuring the cut follows the force vectors more precisely and avoiding run out incisions.

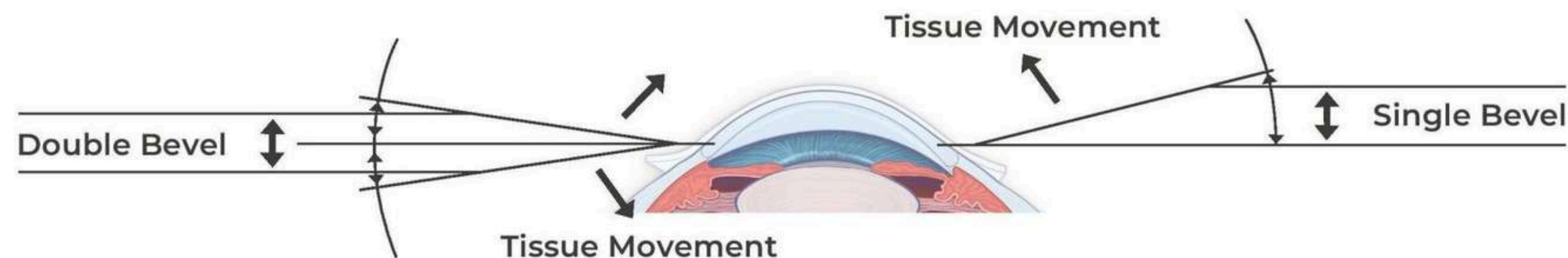
SINGLE BEVEL & DOUBLE BEVEL DIFFERENTIATION IN SLIT & CLEAR-CORNEA KNIVES

- Single bevel knives have a bevel on only the upper wide of the blade. With a smaller angle, the blade is sharper and offers precise incisions. SURGICUT knives with no specific naming are single bevel. The article code includes "S".

- Double bevel knives have bevels against both sides of the blade. This enables the

blade to glide through tissue seamlessly and at the same rate on both sides simultaneously. This provides greater guidance in the horizontal cutting plane in homogenous tissues. However, if the elasticity of the tissue on the upper and lower surfaces is different, such as in a corneal incision, the horizontal cutting plane will shift slightly. Users must be prepared for

this and not interpret the movement as a lack of sharpness. SURGICUT double-bevel knives are specifically named as being double-bevel.



Which is right for me?

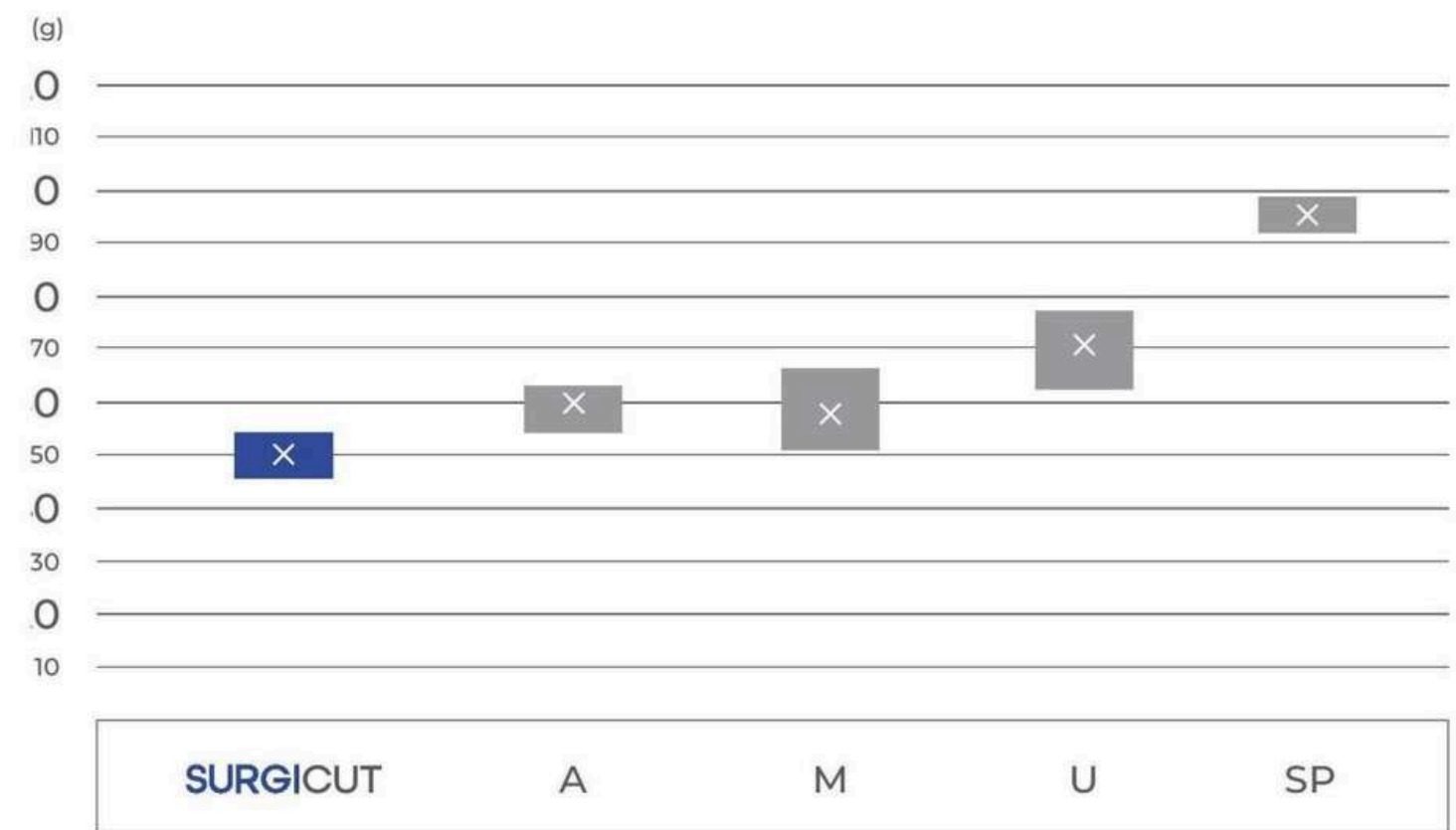
Unless you are an experienced double-bevel knife user, a single bevel knife is considered the safest choice and will prove satisfactory in most instances.

THE BEHAVIOUR OF A KNIFE DEPENDS ESSENTIALLY ON 2 FACTORS

1. The geometry of the grind leads to a subjective cutting behaviour. The choice of single or double bevel in particular has a considerable influence here.

2. We have determined the objectively measurable cutting sharpness here with other products on the market according to a stablished standard specification. In addition to very low effort, the low variance is also very good.

PENETRATION FORCE VARIOUS SLIT KNIVES*



*Data on File

BETTER THROUGH IMPROVED CHAIN

Electro-etching of pre-formed blanks

- Improved algorithms for outstanding results.
- Enhanced accurate electro etching with minor material removal.
- Consistently extreme sharpness blades.

Electro-polishing avoid coating

- Safety risks associated with silicone coatings in ophthalmic knives¹.
- Electro-polishing removes stamping and grinding burrs that can cause flecks of metal to dislodge, leaving a clean, exceptionally sharp edge.
- SURGICON provides electro-etching as standard for maximum safety and effectiveness.

Scalable manufacturing and supply chain

- Scaling poses major challenges for supply chains.
- SURGICON has an established supply chain with capacity to scale in significant numbers.
- Raw-material suppliers and partners are selected on same principle.

¹ Data on File

ADAPTING TO YOUR NEEDS

EU-warehouse

- Dynamic business requires speed
- SURGICON's EU-based logistics ensure fast, frictionless product access while reducing costs

Modification to your need

- Non-sterile CE-marked to meet kit-packer demands
- OEM or private label possible
- Colour and geometrical handle variations possible
- Safety knives or use of tray



Regulatory approvals and active country registrations completed across 50+ key international markets.



CODES	COUNTRIES	CODES	COUNTRIES	CODES	COUNTRIES
CH	SWITZERLAND	CL	CHILE	FR	FRANCE
AE	UAE	CN	CHINA	GB	UNITED KINGDOM
AM	ARMENIA	COL	COLOMBIA	GE	GEORGIA
ARG	ARGENTINA	CZ	CZECH REPUBLIC	HU	HUNGARIA
AT	AUSTRIA	DE	GERMANY	ID	INDONESIA
AU	AUSTRALIA	DO	DOMINICAN REPUBLIC	IL	ISRAEL
BE	BELGIUM	DZ	ALGERIA	IN	INDIA
BG	BULGARIA	EC	ECUADOR	IR	IRAN
BH	KINGDOM OF BAHRAIN	EL	GREECE	IT	ITALY
BR	BRAZIL	ES	SPAIN	KR	KOREA, SOUTH
LB	LEBANON	PT	PORTUGAL	VN	VIETNAM
LV	LATVIA	RO	ROMANIA	ZA	SOUTH AFRICA
MA	MAROC	SA	SAUDI ARABIA		
MU	MAURITIUS	SE	SCHWEDEN		
NL	NETHERLANDS	SG	SINGAPUR		
NO	NORWAY	TH	THAILAND		
NZ	NEW ZEALAND	TN	TUNISIA		
OM	OMAN	TR	TURKEY		
PK	PAKISTHAN	UA	UKRAINE		
PL	POLAND	US	UNITED STATES		

READY FOR GLOBAL BUSINESS

Certification & Qualification

**ISO 13485
certified**



**U.S. FDA
registered**



**CE-certified
(MDR)**



**Digital quality
system**





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