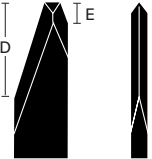
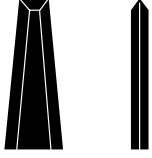
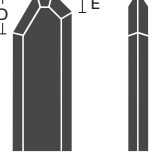
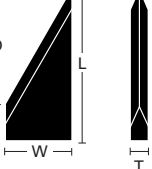
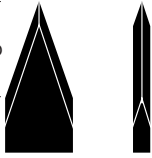
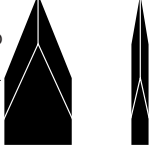
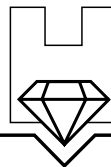
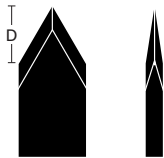
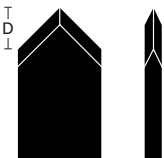
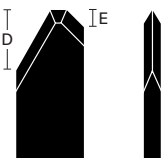
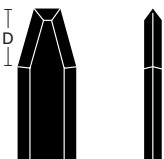
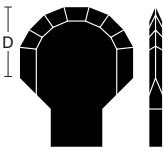
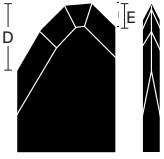
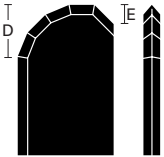
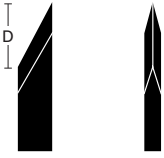
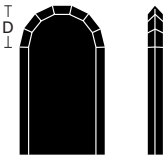
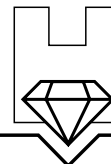

DIAMOND KNIVES

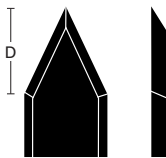
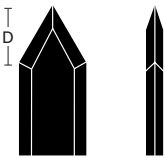
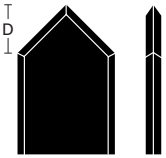
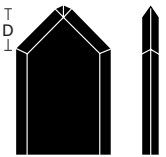
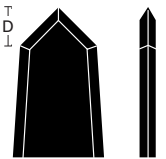
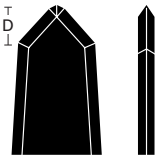
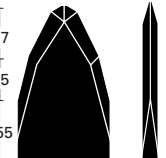
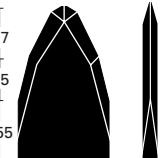
Blade Shape	Distance Tip-Shoulder	Description	Item #	
			Straight	Angled
		45° PRESET (Single foot)		
		Preset 0.20 mm. Right handed surgeon	4.1349	–
		0.20 mm. Left handed surgeon	4.1348	–
		0.25 mm. Right handed surgeon	4.1353	–
		0.25 mm. Left handed surgeon	4.1373	–
		0.30 mm. Right handed surgeon	4.1352	–
		0.30 mm. Left handed surgeon	4.1362	–
		0.35 mm. Right handed surgeon	4.1354	–
		0.35 mm. Left handed surgeon	4.1361	–
		0.60 mm. Right handed surgeon	4.1311	–
		0.60 mm. Left handed surgeon	4.1312	–
		15° ARCUATE PRESET		
	D: 2.00 mm E: 0.20 mm	Pre-Set 0.40 mm. Right handed surgeon	4.1363	–
		Pre-Set 0.60 mm. Right handed surgeon	4.1535	–
		ZALDIVAR MULTIUSE ICL BLADE (3 edges)		
		- Trapezoid Blade, W: 0.55 - 1.0 mm Length: 5.5 mm, Thickness: 0.15 mm	4.1561	4.1552
		- Trapezoid Blade, W: 0.5 - 0.7 mm NEUHANN ICL Length: 3.3 mm, Thickness: 0.15 mm		4.1553
		FUKASAKU UNIVERSAL DIAMOND		
	D: 1.00 mm E: 0.20 mm	Trifacet blade with vertical cutting edges, W: 0.9 mm Length: 4.5 mm, Thickness: 0.17 mm	4.1558	
		Right handed surgeon		4.1562
		Left handed surgeon		4.1560
		30° BLADES		
	D: 1.40 mm	W: 0.8 mm, L: 4.0 mm, T: 0.17 mm	4.1509	–
	D: 1.50 mm	W: 0.9 mm, L: 4.0 mm, T: 0.17 mm	4.1346	–
	D: 1.70 mm	W: 1.0 mm, L: 4.0 mm, T: 0.10 mm	4.1347	–
	D: 1.70 mm	W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1355	–
		45° BLADES		
	D: 1.00 mm	W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1358	–
	D: 1.50 mm	W: 1.5 mm, L: 4.0 mm, T: 0.17 mm	4.1360	–
		37° BLADE, LANCET (4 bevels)		
	D: 2.90 mm	W: 2.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1521
		60° BLADES, LANCET (2 bevels)		
	D: 1.30 mm	W: 1.5 mm, L: 4.0 mm, T: 0.17 mm	4.1372	4.1310
	D: 2.50 mm	W: 3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1563
	D: 2.50 mm	W: 3.0 mm, L: 5.0 mm, T: 0.17 mm	–	4.1564
	D: 2.70 mm	W: 3.2 mm, L: 5.0 mm, T: 0.17 mm	–	4.1565
		60° BLADES, LANCET (4 bevels)		
	D: 0.90 mm	W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1374	4.1574
	D: 1.00 mm	W: 1.2 mm, L: 4.0 mm, T: 0.17 mm	4.1375	–
	D: 1.20 mm	W: 1.4 mm, L: 4.0 mm, T: 0.17 mm	4.1502	–
	D: 1.40 mm	W: 1.6 mm, L: 4.0 mm, T: 0.17 mm	4.1554	–

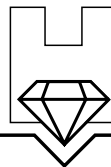


DIAMOND KNIVES

Blade Shape	Distance Tip-Shoulder	Description	Item #	
			Straight	Angled
	D: 2.60 mm	60° BLADE KERATOME (4 bevels) W: 3.1 mm, L: 5.5 mm, T: 0.17 mm	–	4.1504
	D: 0.70 mm D: 1.30 mm D: 1.35 mm D: 1.40 mm D: 1.50 mm D: 1.60 mm D: 1.70 mm D: 2.00 mm	90° BLADES, KERATOME (4 bevels) W: 1.4 mm, L: 4.0 mm, T: 0.17 mm W: 2.6 mm, L: 4.0 mm, T: 0.17 mm W: 2.7 mm, L: 4.0 mm, T: 0.17 mm W: 2.8 mm, L: 4.0 mm, T: 0.17 mm W: 3.0 mm, L: 4.0 mm, T: 0.10 mm W: 3.2 mm, L: 4.0 mm, T: 0.17 mm W: 3.4 mm, L: 4.0 mm, T: 0.17 mm W: 4.0 mm, L: 4.0 mm, T: 0.17 mm	4.1340 4.1392 – 4.1398 4.1394 4.1396 – –	4.1540 4.1592 4.1593 4.1598 4.1594 4.1596 4.1597 4.1586
	D: 1.00 mm E.: 0.20 mm	TRIFACET BLADE W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1381	4.1581
	D: 1.10 mm	OSHER BLADE (5 edges) W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1378	4.1578
	D: 2.00 mm	SPOON BLADE (9 edges) W: 2.0 mm, L: 2.25 mm, T: 0.20 mm	–	4.1387
	D: 0.60 mm E.: 0.25 mm	CURVED BLADE (4 edges) W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1351	4.1551
	D: 1.10 mm E.: 0.40 mm	LID & DUPUYTREN BLADE (6 edges) W: 2.0 mm, L: 4.5 mm, T: 0.27 mm	4.1356	–
	D: 1.10 mm	25° DEEP SCLERECTOMY & IRIS RETRACTOR W: 0.50 mm, L: 3.5 mm, T: 0.20 mm	4.1500	4.1501
	D: 1.00 mm	SCLERAL POCKET (Crescent) W: 1.5 mm, L: 3.5 mm, T: 0.17 mm (7 edges) W: 2.0 mm, L: 3.5 mm, T: 0.17 mm (9 edges) W: 2.0 mm, L: 4.0 mm, T: 0.17 mm (9 edges)	– – –	4.1388 4.1390 4.1389


DIAMOND KNIVES

Blade Shape	Distance Tip-Shoulder	Description	Item #	
			Straight	Angled
	D: 3.40 mm	50° CLEAR CORNEA (4 edges - 4 bevels) W: 3.2 mm, L: 5.5 mm, T: 0.17 mm, Bevel Up	–	4.1510
	D: 2.40 mm	60° CLEAR CORNEA (4 edges) W: 2.8 mm, L: 5.5 mm, T: 0.17 mm	–	4.1529
	D: 2.50 mm	W: 3.0 mm, L: 5.5 mm, T: 0.17 mm	–	4.1525
	D: 2.60 mm	W: 3.1 mm, L: 5.5 mm, T: 0.17 mm	–	4.1511
	D: 2.70 mm	W: 3.2 mm, L: 5.5 mm, T: 0.17 mm	–	4.1507
	D: 1.00 mm	90° CLEAR CORNEA (4 edges) W: 2.0 mm, L: 4.0 mm, T: 0.17 mm (mini-cobra)	–	4.1383
	D: 1.10 mm	W: 2.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1385
	D: 1.20 mm	W: 2.4 mm, L: 4.0 mm, T: 0.17 mm (cobra)	–	4.1384
	D: 1.25 mm	W: 2.5 mm, L: 4.0 mm, T: 0.17 mm	–	4.1376
	D: 1.30 mm	W: 2.6 mm, L: 4.0 mm, T: 0.17 mm	–	4.1583
	D: 1.32 mm	W: 2.65 mm, L: 5.0 mm, T: 0.17 mm	–	4.1526
	D: 1.35 mm	W: 2.7 mm, L: 4.0 mm, T: 0.17 mm	–	4.1570
	D: 1.37 mm	W: 2.75 mm, L: 4.0 mm, T: 0.17 mm	–	4.1399
	D: 1.40 mm	W: 2.8 mm, L: 4.0 mm, T: 0.17 mm	–	4.1588
	D: 1.50 mm	W: 3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1377
	D: 1.60 mm	W: 3.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1587
	D: 1.65 mm	W: 3.3 mm, L: 4.0 mm, T: 0.17 mm	–	4.1589
	D: 1.75 mm	W: 3.5 mm, L: 4.0 mm, T: 0.17 mm	–	4.1379
		130°/90° CLEAR CORNEA (6 edges) Dr. Annen (Bi-angle) (Straight Descemet and Bowman incisions: less corneal oedema)		
	D: 1.05 mm	W: 2.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1508
	D: 1.15 mm	W: 2.4 mm, L: 4.0 mm, T: 0.17 mm	–	4.1584
	D: 1.30 mm	W: 2.7 mm, L: 4.0 mm, T: 0.17 mm	–	4.1579
	D: 1.32 mm	W: 2.75 mm, L: 4.0 mm, T: 0.17 mm	–	4.1573
	D: 1.35 mm	W: 2.8 mm, L: 4.0 mm, T: 0.17 mm	–	4.1576
	D: 1.45 mm	W: 3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1577
		90° CLEAR CORNEA TRAPEZOID (4 edges)		
	D: 1.10 mm	W: 2.2-2.5 mm, L: 4.0 mm, T: 0.17 mm	–	4.1523
	D: 1.20 mm	W: 2.4-3.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1505
	D: 1.25 mm	W: 2.5-3.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1519
	D: 1.30 mm	W: 2.6-2.9 mm, L: 4.0 mm, T: 0.17 mm	–	4.1520
	D: 1.35 mm	W: 2.7-3.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1506
	D: 1.35 mm	W: 2.7-3.2 mm, L: 5.5 mm, T: 0.17 mm	–	4.1528
	D: 1.50 mm	W: 3.0-3.5 mm, L: 4.0 mm, T: 0.17 mm	–	4.1582
	D: 1.65 mm	W: 3.3-3.5 mm, L: 4.0 mm, T: 0.17 mm	–	4.1590
		130°/90° CLEAR CORNEA TRAPEZOID (6 edges) (Bi-angle) (Straight Descemet and Bowman incisions: less corneal oedema)		
	D: 1.20 mm	W: 2.5-2.9 mm, L: 5.0 mm, T: 0.17 mm	–	4.1544
	D: 1.20 mm	W: 2.5-3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1545
	D: 1.30 mm	W: 2.7-3.2 mm, L: 4.0 mm, T: 0.17 mm	–	4.1527
	D: 1.75 mm	130°/50° CLEAR CORNEA TRAPEZOID (6 edges) (Bi-angle) (Straight Descemet and Bowman incisions) Specially designed for new 5.50 mm foldable and injectable IOL, Laser Phaco and Micro Tips	–	4.1571



DIAMOND AND MICROMETERS KNIVES

Blade Shape	Distance Tip-Shoulder	Description	Item #	
			Straight	Angled
		KAWABATA T-TRAP SHAPE TRAPEZOID (3 edges)		
		W: 2.4-2.9 mm, L: 4.0 mm, T: 0.17 mm	–	4.1546
		W: 2.6-3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1543
		W: 2.8-3.0 mm, L: 4.0 mm, T: 0.17 mm	–	4.1542

HANDLE TYPES



Bayonet Titanium handle, angled

MICROMETER KNIVES

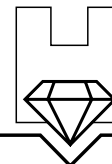
Micrometer knives are designed for:

- refractive procedures such as radial and astigmatic keratotomy
- epikeratophakia
- corneal or scleral procedures requiring precise measurement of depth.

These knives can also be used in cataract and glaucoma procedures where the desired incision depth can be set using the micrometer.

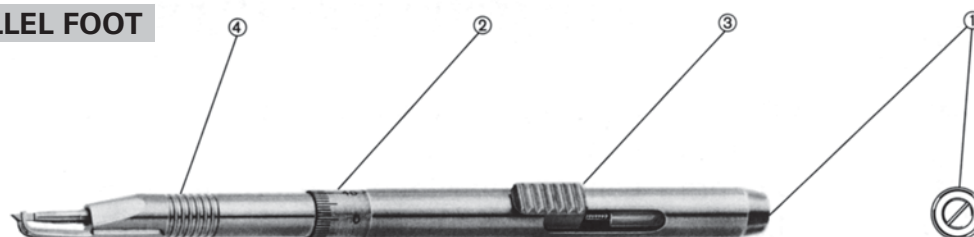
- Incision depth from 0 to 1.5 mm by increments of 0.01 mm, turn micrometer thimble (2)
- Very precise $\pm 5/1000$ mm
- Entirely in highest quality stainless steel
- Zero setting: under the microscope by means of the adjusting screw (1), at any time
- Fast retraction of the blade by bayonet push button system (3)
- Utilisation of the blade at the required depth only by extension from the handle by pushing the button (3), the cutting depth remaining at the preset depth
- Available with different guards and foot plates.

Blade Shape	Description	Item #
	30° 2 CUTTING EDGES Micrometer RK, W: 1.0 mm, T: 0.17 mm	4.1330
	45° 2 CUTTING EDGES Micrometer RK, W: 1.0 mm, T: 0.10 mm Micrometer RK, W: 1.0 mm, T: 0.17 mm Micrometer RK, duo-blade (0.20 mm vertical cutting) Genesis type, W: 1.0 mm, T: 0.10 mm	4.1332 4.1334 4.1342
	15° ARCUATE Micrometer «Arcuate» W: 0.80, T: 0.10 mm Micrometer «Arcuate/Enhanced» (0.20 mm vertical cutting) Genesis type: W: 0.80 mm, T: 0.10 mm	4.1343 4.1337
	ZELMAN T-BLADE W: 0.65 mm, L: 3.0 mm, T: 0.10 mm Triple dull Blade: dull on the bottom and for 75 microns on the leading and back edges. U.S. Patent 5.571.124	4.1344



DIAMOND KNIVES

MICROMETER PARALLEL FOOT



Adjusting screw for zero setting
(Only after hundreds of cases)

Rotating micrometer gauge
increments of 0.01 mm



MICROMETER ARCUATE & ZELMAN FOOT



UTILIZATION

45° PRE-SET Initial scleral depth incisions. – **ZALDIVAR MULTIUSE BLADE** Narrow paracentesis, scleral tunnel and clear cornea incisions, this blade can do it all. – **FUKASAKU UNIVERSAL BLADE** for every type of incision i.e.: cataract (scleral or corneal), glaucoma surgery, deep lamellar keratoplasty, vitrectomy, etc. – **30° BLADES** Deep corneal incision, paracentesis. – **45° BLADES** Broad corneal incision, lamellar preparation, lid surgery. – **37°, 60° LANCETS; 60°, 90° KERATOMES** Keratotomy, Pars plana vitrectomy, phaco incision with initial capsulectomy, corneal entry, paracentesis. – **TRIFACET BLADES** Paracentesis, limbal preparation. – **OSHER BLADE** Paracentesis, groove, scleral tunnel, clear cornea, wound extension. – **SPOON BLADE** Scleral tunnel. – **CURVED BLADE** Trabeculectomy, limbal preparation, three steps incisions, epikeratophaky, no recommended for perforation. – **LID & DUPUITREN BLADE** Upper eyelid reconstruction, harelip surgery, excision of Dupuytren's tissue, plastic surgery. – **25° DEEP SCLERECTOMY & IRIS RETRACTOR BLADE** Narrow blade to shape the triangle scleral bed, makes also the perfect size incision for inserting the micro iris hooks. – **SCLERAL POKET - CRESCENT BLADE** Ideal for scleral pocket (tunnel). – **50°, 60°, 90°, CLEAR CORNEA TRAPEZOID BLADE** Clear cornea incision, wound extension. – **130°/90° CLEAR CORNEA BLADE** Designed to fashion 2 linear incisions through Bowman's and Descemet's membrane resulting in less cornea oedema. – **KAWABATA T-TRAP SHAPE BLADE** Clean, limbus parallel incision (Bowman's and Descemet's membranes) for 2.6 to 3.2 mm keratotomy, safe and easy wound construction up to 5.25 mm clear-corneal valve incision, simpler multi-plane clear-cornea or single-plane (temporal) sclero-corneal incisions, no deep penetration into the anterior chamber is necessary when larger incision is required due to square tip design – **130°/50° CLEAR CORNEA TRAPEZOID BLADE** For straight Descemet and Bowman incisions. Specially designed for new 5.5 mm foldable and injectable IOL, Laser Phaco and Micro Tips. – **30°, 45° RK 2 CUTTING** Russian and American technique cutting blade. – **45° RK DUO BLADE** Russian and American technique without danger to invade the optical zone. – **AK - AK ARCUATE** Radial or Arcuate and transverse incision. – **ZELMANN T-BLADE** To enhance RK and AK incisions and to allow a consistent RK and AK result.

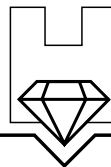
The blades of these knives are gem and should be maintained very carefully as the cutting edges are very delicate. The blade should always be retracted when not in use in order to avoid contact with any material other than tissue.

CLEANING

Immediately after surgery, rinse thoroughly with distilled water using a syringe before placing the knife back into the tray. At the end of the surgeries clean it with distilled water and dry it with a fiberfree swab or tissue, avoiding any pressure on the blade, gently wiping it from shaft towards the tip of the blade. Ultrasound should not be used.

STERILIZATION

Any type of sterilization can be used.

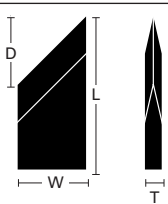
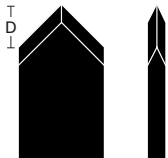
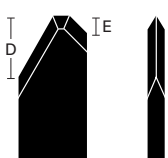
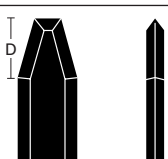
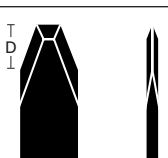
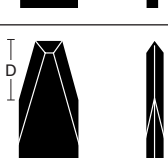
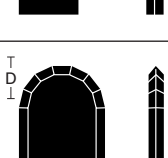


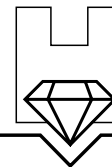
DIAMOND STEP KNIVES

Calibrated Three-Step Retractable Titanium Handle Provides:

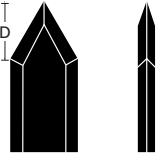
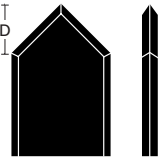
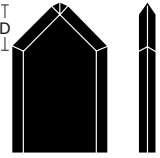
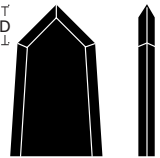
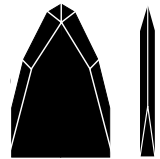
- 0.3 mm Groove Incision
- 0.6 mm Langerman Hinge Incision (or 1.5 mm)
- 4.0 or 5.5 mm Full Extension (depending of blade length).

(Knives also available in other groove depths. The distance between groove incision and hinge incision will always be 0.3 mm).

Blade Shape	Distance Tip-Shoulder	Description	Item # Straight
	D: 1.00 mm	45° BLADE W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1313
	D: 0.70 mm D: 1.30 mm D: 1.35 mm D: 1.40 mm D: 1.50 mm D: 1.60 mm	90° KERATOME (2 edges) W: 1.4 mm, L: 4.0 mm, T: 0.17 mm W: 2.6 mm, L: 4.0 mm, T: 0.17 mm W: 2.7 mm, L: 4.0 mm, T: 0.17 mm W: 2.8 mm, L: 4.0 mm, T: 0.17 mm W: 3.0 mm, L: 4.0 mm, T: 0.17 mm W: 3.2 mm, L: 4.0 mm, T: 0.17 mm	4.1319 4.1320 4.1371 4.1321 4.1322 4.1323
	D: 1.00 mm E: 0.20 mm	TRIFACET W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1314
	D: 1.10 mm	BROWN-OSHER (Buck) (5 edges) W: 1.0 mm, L: 4.0 mm, T: 0.17 mm	4.1316
	D: 1.10 mm	NPGS W: 1.0 mm, L: 4.0 mm, T: 0.17 mm 0.2 / 0.5 / 4.0 mm Calibration	4.1518
	D: 1.10 mm	SHEPHERD (Trifacet) (3 edges) W: 0.8 mm, L: 4.0 mm, T: 0.17 mm	4.1318
	D: 1.00 mm	SCLERAL POCKET (Crescent) (9 edges) W: 2.0 mm, L: 4.0 mm, T: 0.17 mm	4.1369



DIAMOND STEP KNIVES

Blade Shape	Distance Tip-Shoulder	Description	Item # Straight
	D: 2.65 mm	60° BLADE, CLEAR CORNEA (4 edges) a) Extension: 0.3 - 0.6 - 5.5 mm b) Extension: 0.3 - 1.5 - 5.5 mm W: 3.1 mm, L: 5.5 mm, T: 0.17 mm	4.1317 4.1530
	D: 1.00 mm D: 1.20 mm D: 1.30 mm D: 1.35 mm D: 1.40 mm D: 1.50 mm D: 1.60 mm	90° BLADE, CLEAR CORNEA (4 edges) W: 2.0 mm, L: 4.0 mm, T: 0.17 mm W: 2.4 mm, L: 4.0 mm, T: 0.17 mm W: 2.6 mm, L: 4.0 mm, T: 0.17 mm W: 2.7 mm, L: 4.0 mm, T: 0.17 mm W: 2.8 mm, L: 4.0 mm, T: 0.17 mm W: 3.0 mm, L: 4.0 mm, T: 0.17 mm W: 3.2 mm, L: 4.0 mm, T: 0.17 mm	4.1325 4.1326 4.1327 4.1328 4.1308 4.1315 4.1309
	D: 1.15 mm D: 1.30 mm D: 1.45 mm	130°/90° BLADE, CLEAR CORNEA (6 edges) (Bi-angle) (Straight Descemet and Bowman incisions: less corneal oedema) W: 2.4 mm, L: 4.0 mm, T: 0.17 mm W: 2.7 mm, L: 4.0 mm, T: 0.17 mm W: 3.0 mm, L: 4.0 mm; T: 0.17 mm	4.1367 4.1368 4.1370
	D: 1.10 mm D: 1.20 mm D: 1.30 mm D: 1.35 mm	90° BLADE, CLEAR CORNEA TRAPEZOID (4 edges) W: 2.2 - 2.5 mm, L: 4.0 mm, T: 0.17 mm W: 2.4 - 3.2 mm, L: 4.0 mm, T: 0.17 mm W: 2.6 - 2.9 mm, L: 4.0 mm, T: 0.17 mm W: 2.7 - 3.2 mm, L: 4.0 mm, T: 0.17 mm	4.1359 4.1364 4.1365 4.1366
	D: 1.75 mm	130°/50° BLADE, CLEAR CORNEA TRAPEZOID (6 edges) (Bi-angle) (Straight Descemet and Bowman incisions) W: 1.9 - 2.65 mm, L: 4.75 mm; T: 0.17 mm	4.1306

HANDLE TYPE



CLEANING

Immediately after surgery, rinse thoroughly with distilled water using a syringe before placing the knife back into the tray. At the end of the surgeries clean it with distilled water and dry it with a fiberfree swab or tissue, avoiding any pressure on the blade, gently wiping it from shaft towards the tip of the blade. Ultrasound should not be used.

STERILIZATION

Any type of sterilization can be used including flash autoclave. The knife should always be protected in its sterilization box when being sterilized.