

Hartzell[®] INSTRUMENTS

PRECISION DENTAL HAND INSTRUMENTS PRODUCT CATALOG

Extend Your Patient Connection



THE HARTZELL LEGACY OF EXCELLENCE

Since 1935, G. Hartzell and Son Dental Instruments has proudly served dental professionals worldwide by providing the highest quality dental hand instruments.

In 2014, Hartzell Instruments became part of the DenMat family. Now you can also rely on the complete DenMat portfolio and resources to further support your clinical success.



WHY CHOOSE HARTZELL INSTRUMENTS?

We understand the importance of superior instruments in your hands. They **connect** you to your patient. From handle to tip, Hartzell's line of instruments are handcrafted using only the highest-quality materials available. You'll notice the difference every time, on every patient.

We offer:

- **Excellent Value**
- **New Practice Set-Up Consultations**
- **Professional Sharpening Services**
- **Limited Lifetime Warranties**

HAVE YOU TRIED CONE SOCKET INSTRUMENTS?

Dental instruments are a major investment for any dental office. With our Cone Socket line of instruments, a substantial savings can be realized as you only replace tips instead of the entire instrument. Cone Socket tips allow you to design virtually any instrument you would like. Looking for a combination Gracey Curette and Subzero? With Cone Sockets, you can have just that.

Available in Carbon and Stainless Steel, Cone Socket instruments are also environmentally friendly. Disposal of Cone Socket tips result in approximately 93% less waste than that of a conventional instrument. To discover Cone Socket tips and our selection of handles, please turn to pages 8-13.

Please note: Cone Socket tips should be tightened using a lubricant (petroleum jelly or silicone) on the threads with a Cone Socket wrench (page 42). Finger tightening is not recommended.



REVIEWS FROM OUR CUSTOMERS

“What I love most about Hartzell Instruments is how each one is designed with **excellence and precision** in mind.

The **blades remain sharp** and help me perform the best work for my patients.”

—Danielle Douglass, RDH-Alhambra, CA

“In treatment, when it matters most, **USA precision-crafted** Hartzell Instruments are **the ones I trust**.”

— Richard Mounce, DDS
Endodontist & Owner of MounceEndo.com

“Having used Hartzell Instruments at my office, Hartzell was willing to step up and **support many of my hands-on workshops** when I started teaching.

I chose to use them for their quality products, and I also appreciate the **additional services** they provide like **re-tipping of delicate surgical instruments** which enables the instruments to last longer.”

— James Kohner, DDS

“Hartzell Instruments are **superior in design and quality**. Their **cone socket system is among the gems** in Hartzell's line.

The system meets three important criteria:

1) durability, 2) effectiveness, and 3) low cost (for replacement). Since only the tips need to be replaced, hygienists **always have fresh sharp blades** on their instruments and dental practices can keep them that way in a **cost effective** manner. I recommend the cone socket system for use in all of the practices I work with.”

— Sara Paone, RDH

“I have depended on Hartzell Instruments for over 30 years in clinical practice and teaching: **high quality finished product, consistency, edge maintenance, strength, tactile feedback and reliability** have been the Hartzell touchstone.”

— George K. Merijohn, DDS
Periodontist, San Francisco

TABLE OF CONTENTS

DIAGNOSTIC & ORAL HYGIENE INSTRUMENTS

Explorers and Probes	4
Exam Mirrors	5
Photography Mirrors	6
Dressing and Suture Pliers	7
Cone Socket Curettes	8-11
Cone Socket Scalers	12
Cone Socket Files and Hoes	13
Mirror and Cone Socket Handles	13
Double End Curettes	14-17
Double End Scalers	18-19
Syringes	19
Corrosion Inhibitor	19
Sharpening Stones	20

RESTORATIVE INSTRUMENTS

Angle-Formers and Chisels	22
Excavators	23
Enamel Hatchets and Hoes	24
Margin Trimmers	25
Burnishers	25
Cord Packers	26
Composite Instruments	26
Carvers	27
Wax and Cement Spatulas	27
Gold and Amalgam Knives	28
Amalgam Carriers	28
Articulating Paper Forceps	28
Pluggers and Condensers	29
Crown Guages, Spreaders, and Removers	30

ORTHODONTIC INSTRUMENTS

Pliers.....	32-35
Wire Cutters and Twisters	34
Ligature Director Wires	35
Arch Bars	35
Band Pushers	35

ENDODONTIC INSTRUMENTS

Forceps	38
File Holders	38
Retractors	39
Spreaders and Condensers	40
Gutta Percha Removal	41
Explorers	41
Cone Socket Tips	42
Penn Endo	42
MTA Microsurgery Pellet Forming	43
Rubber Dam Clamps	44-45
Rubber Dam Punches and Forceps	46

PERIODONTAL & SURGICAL INSTRUMENTS

Perio Chisels	48
Periotomes	48
Periosteals	49-50
Perio Files	50
Perio Curettes	50
Perio Knives	50
Surgical Curettes	51
Root Tip Picks	51
Surgical Chisels	52
Bone Splitters	52
Osteotomes	52
Bone Files	53
Mallets	53
Calipers	53
Hemostats	54
Towel Clamps	54
Needleholders	55-56
Scissors	58-62
Retractors	63-65
Mouth Gags and Mouth Props	65
Tissue Pliers and Forceps	66-67
Elevators	69-71
Extraction Forceps	72-78
Rangeurs	79-80
Scalpel Handles and Blades	81-83
Sutures	84
Aspirators	85-86

IMPLANTOLOGY INSTRUMENTS

Sinus Lift Instruments	88
Antral Curettes	88
Antralplasty Curettes	88-89
Ridge Expansion Osteotomes	90
Bone Syringes and Condensers	91
Implant Calipers and Gauges	91
Abutment Holders	91
Biopsy Punches	91
Ridge Mapping Calipers	91
Bone Mills	92
Bone Mixing Bowls	92
Stainless Steel Bowls	92
Bone Scrapers and Harvesters	92
Implant and Impression Trays	92
Bursa Drills	93
Implant Curettes	93

SPECIALIZED INSTRUMENT KITS




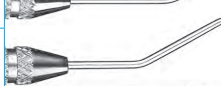


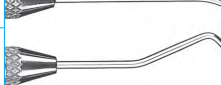




Implant Curette Starter Kit	96
Hygiene Intro Kit	96
Standard SRP Kit	97
Essentials SRP Kit	97
Crown Cementation Kit	98
Endo Starter Kit	98
Cassettes	99

DIAGNOSTIC & ORAL HYGIENE INSTRUMENTS



Instruments in this section:

Explorers and Probes	4
Exam Mirrors	5
Photography Mirrors	6
Dressing and Suture Pliers	7
Cone Socket Curettes.....	8-11
Cone Socket Scalers	12
Cone Socket Files and Hoes	13
Mirror and Cone Socket Handles	13
Double End Curettes	14-17
Double End Scalers	18-19
Syringes	19
Corrosion Inhibitor	19
Sharpening Stones	20

STAINLESS STEEL PROBES

A-Handle	Standard	
PACP12	PCP12	
PAF 3-6-9-12	PF 3-6-9-12	
PACP1290	PCP1290	
PAUNC12 1-12mm	PUNC12 1-12mm	
PAUNC15 1-15mm	PUNC15 1-15mm	
PAQW	PQW	
PAF/23	PF/23	
PA3A/F	P3A/F	
PAA	PA	
PAH	PH	
PAO	PO	

STAINLESS STEEL NABERS

A-Handle	Standard	
PA2N	P2N	
PA2NCP 3-6-9-12mm	P2NCP	

STAINLESS STEEL SINGLE END EXPLORERS

Standard	X3SE	X3ASE	X5SE	X6SE	X17SE	X23SE	XUW/G2	XUW/G3
A-Handle	XA3SE	XA3ASE	XA5SE	XA6SE	XA17SE	XA23SE	XAUW/G2	XAUW/G3

STAINLESS STEEL DOUBLE END EXPLORERS

Standard	X5	X5C	X6	X11/12	XE11/12	XDG16	PACP11.5B	XPW2	XPW2F	X2F*	X3F*	X3CH	X2*	X3*	X2/3
A-Handle	XA5	XA5C	XA6	XA11/12	XA11/12	XADG16	PACP11.5B .5-3.5-5.5-8.5-11.5mm	XAPW2	XAPW2F	Carbon Steel	Carbon Steel	XA3CH	N/A	N/A	XA2/3

Other probe-explorer combinations also available

*All items on this page except for X2F, X3F, X2, and X3 are available in the Standard 7/32" handle or in the large 3/8" Ultra-Lightweight "A" Handle.

**RHODIUM-COATED MIRRORS
(TOP TWO ROWS)**



IMR3
3mm Round
Simple Stem



IMR5
5mm Round
Simple Stem



IMR3X6
3X6mm Rectangle
Simple Stem



IM8M
8mm Round
Simple Stem



IM8
10mm Round
Simple Stem



M0M
13mm Round
Cone Socket



M1M
17mm Round
Cone Socket



M2M
11/16" Round
Cone Socket
(12 /Box)



M3M
3/4" Round
Cone Socket
(12 /Box)



M4
7/8" Round
Cone Socket
(12 /Box)



M5
15/16" Round
Cone Socket
(12 /Box)



M6
1" Round
Cone Socket
(12 /Box)



MLG
2" Round
Cone Socket



M4D
Double-sided
7/8" Round
Cone Socket



M5D
Double-sided
15/16" Round
Cone Socket

**COLLET-TYPE STAINLESS STEEL MIRRORS
(FITS COLLET-TYPE SCALPEL HANDLES)**



IGHM1
5mm Round



IGHM2
3mm Round



IGHM3
Med. Oval
Str. Sides



IGHM4
Small Oval
Str. Sides



IGHM6
Large Oval
Str. Sides

**STAINLESS STEEL MIRRORS
(SINGLE END)**



MM2



MM3



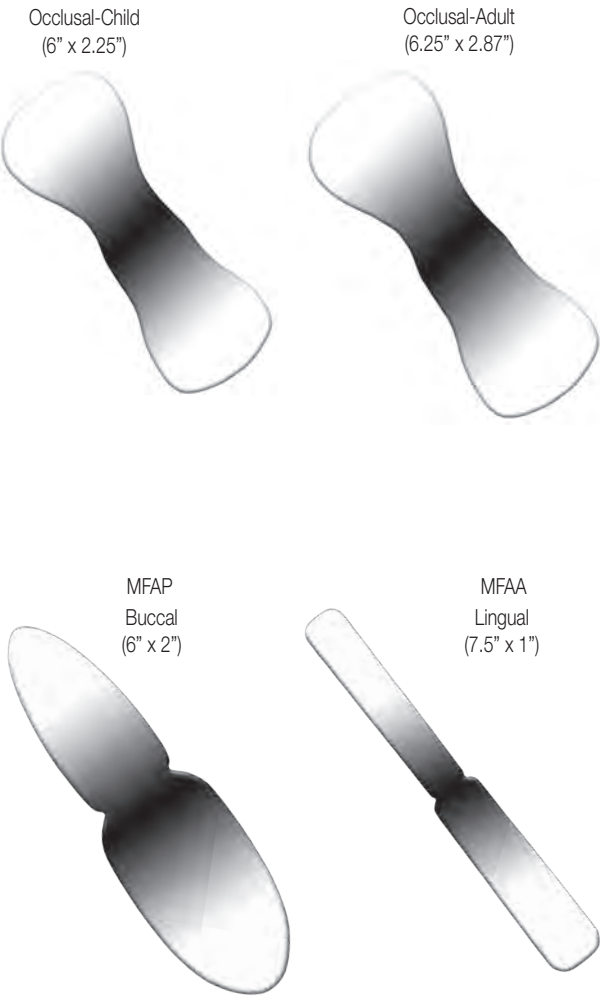
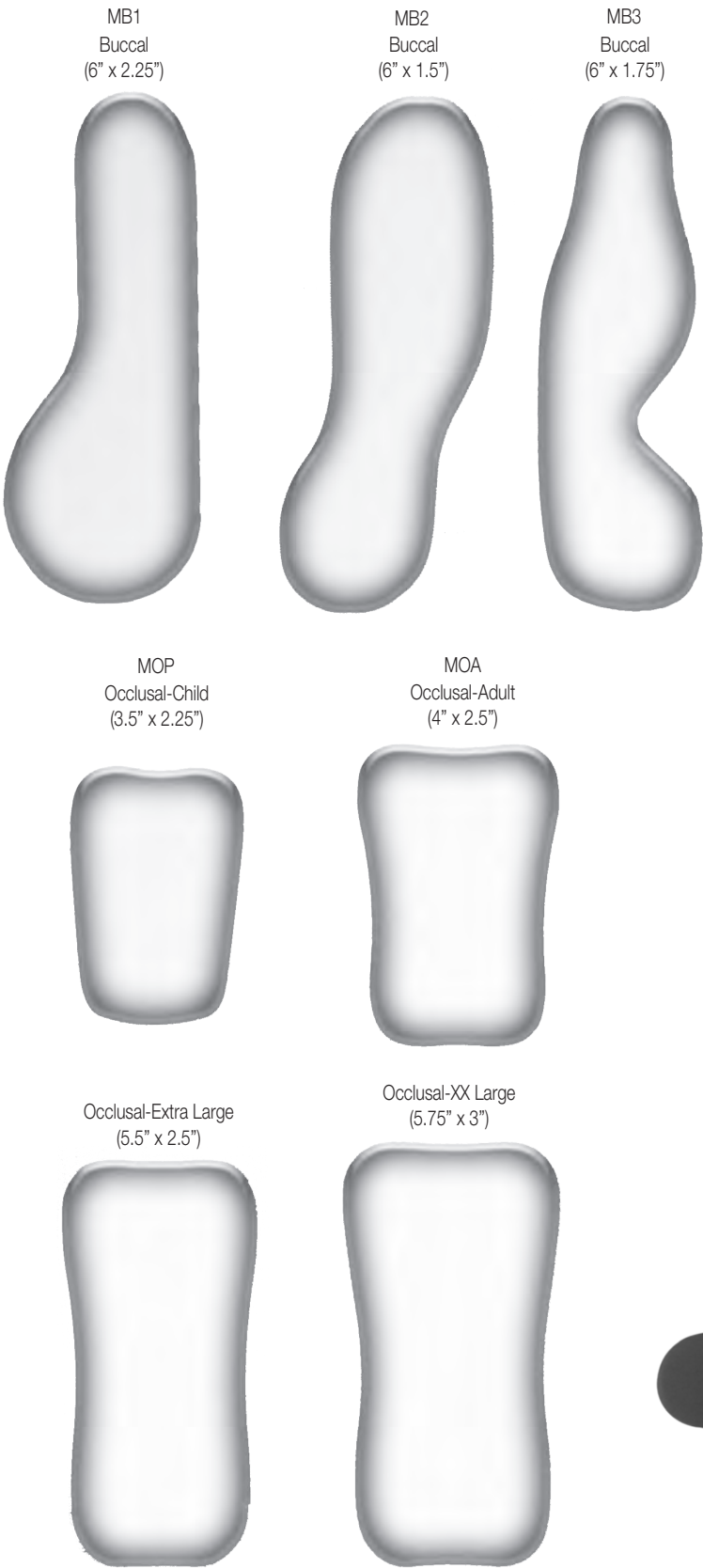
MM4



MM5

CHROMIUM-COATED GLASS PHOTOGRAPHIC MIRRORS*

RHODIUM-COATED STAINLESS STEEL PHOTOGRAPHIC MIRRORS



CONTRASTORS



Items shown are not actual size.
*Glass mirrors also available with handles.

**COTTON/DRESSING
PLIERS**



IPP
(Perry)



IPC (College)
*Also available
diamond-coated
IPCD*



IPLC
*Also available
diamond-coated
IPLCD*



IPLB



IPXLB



IPCX



IPLCX



IPL
(Locking)



IPLE
(Endo Locking
with horizontal
and vertical grooves
for holding points)



IPNLE
Non-locking
Endo pliers

**PERIODONTAL
POCKET MARKERS**



IPML



IPMR



IPCRS
Rhodes curved with
carbide spray
inside jaws.*

**SUTURE
PLIERS**



IPSS



IPCS
Corn 15cm/6"

All items illustrated half size.
* Also available straight - IPRSS

BARNHART*



Carbon	B1	B2	B5	B6
Stainless	B1S	B2S	B5S	B6S

SUBZERO



Carbon	SB1	SB2
Stainless	SB1S	SB2S

411/412



Carbon	411	412
Stainless	411S	412S

COLUMBIA



Carbon	C2L	C2R	4L	4R	43**	44**	13	14
Stainless	C2LS	C2RS	4LS	4RS	43S**	44S**	13S	14S

YOUNGER-GOOD



Carbon	7YG	8YG
Stainless	7YGS	8YGS

UNIVERSITY OF CALIFORNIA/RATCLIFF



Carbon	R1	R2	R3	R4	R5	R6
Stainless	R1S	R2S	R3S	R4S	R5S	R6S

UNIVERSITY OF CALIFORNIA/RULE



Carbon	3	4	5	6	7YG	8YG
Stainless	R1S	R2S	R3S	R4S	7YGS	8YGS

*Also available, modified Barnhart B1M, B2M

**Modified 4L/4R

GRACEY



Carbon	G1	G2	G3	G4	G5	G6
Stainless	G1S	G2S	G3S	G4S	G5S	G6S



Carbon	G7	G8	G9	G10	G11	G12
Stainless	G7S	G8S	G9S	G10S	G11S	G12S



Carbon	G13	G14	G15	G16	G17	G18
Stainless	G13S	G14S	G15S	G16S	G17S	G18S

RIGID GRACEY



Carbon	GL1	GL2	GL3	GL4	GL5	GL6
Stainless	GL1S	GL2S	GL3S	GL4S	GL5S	GL6S



Carbon	GL7	GL8	GL9	GL10	GL11	GL12
Stainless	GL7S	GL8S	GL9S	GL10S	GL11S	GL12S



Carbon	GL13	GL14	GL15	GL16	GL17	GL18
Stainless	GL13S	GL14S	GL15S	GL16S	GL17S	GL18S

Note: "N" and "NL" series Gracey curettes are also available. These Graceys were designed by the Dept. of Dental Hygiene at Northern Arizona University and have an increased angle at the terminal bend and a thinned tip. Please signify this item by preceding the Gracey number with the letter "N" or "NL" (e.g., #GN1, #GNL1, #GN2, #GNL2, etc.).

EXTENDED GRACEY



Carbon	GE1	GE2	GE3	GE4	G35	GE6
Stainless	GE1S	GE2S	GE3S	GE4S	G35S	GE6S



Carbon	GE7	GE8	GE11	GE12	GE13	GE14
Stainless	GE7S	GE8S	GE11S	G12S	G13S	G14S

Extended Gracey curettes have a terminal shank that has been lengthened by 3mm. over standard Gracey curettes. This facilitates access for scaling and root planing in deep periodontal pockets of 5mm. or more in depth.



Carbon	GE15	GE16
Stainless	GE15S	GE16S

Mini-Extended Gracey curettes are the same as the "Extended Gracey" but have 1/2-length blades which provide easier access and adaptability in deep pockets.

MINI-EXTENDED GRACEY



Carbon	ME1	ME2	ME3	ME4
Stainless	ME1S	ME2S	ME3S	ME4S



Carbon	ME5	ME6	ME7	ME8	ME9	ME10
Stainless	ME5S	ME6S	ME7S	ME8S	ME9S	ME10S



Carbon	ME11	ME12	ME13	ME14	ME15	ME16
Stainless	ME11S	ME12S	ME13S	ME14S	ME15S	ME16S

GOLDMAN-FOX



Carbon	45*	46*	47**	48**
Stainless	45S	46S	47S	48S

MORSE



Carbon	M1	M2
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MCCALL



Carbon	27	28	17	18
Stainless	27S	28S	17S	18

UNIVERSITY OF PACIFIC

BAKER



MOSER/LLU



Carbon	3B	4B	5B	6B	11	12
Stainless	N/A	N/A	N/A	N/A	11S	12S

PRICHARD



Carbon	41	42
--------	----	----

RHODES CHISELS



Carbon	36	37
--------	----	----

LANGER-PATTISON



Carbon	SPL1	SPL2	SPL3	SPL4	SPL5	SPL6
Stainless	SPL1S	SPL2S	SPL3S	SPL4S	SPL5S	SPL6S

MINI LANGER-PATTISON



Carbon	SMPL1	SMPL2	SMPL3	SMPL4	SMPL5	SMPL6
Stainless	SMPL1S	SMPL2S	SMPL3S	SMPL4S	SMPL5S	SMPL6S

*Same as #G-F3
**Same as #G-F4

Standard Langer Curettes also available:
Carbon Steel: SL1, SL2, SL3, SL4, SL5, SL6 | Stainless Steel: SL1S, SL2S, SL3S, SL4S, SL5S, & SL6S

JACQUETTES/STRAIGHT

MORSE

U.C./RATCLIFF

UNIV. OF PACIFIC



Carbon	00	0	J1	R14	R15	H3	H4	JJ1
Stainless	N/A	N/A	N/A	R14S	N/A	H3S	H4S	N/A

SICKLES/STRAIGHT

U.C./RATCLIFF

U.O.P.



Carbon	R13	15	H1	55*
Stainless	R13S	N/A	N/A	55S

SICKLES/STRAIGHT

U.S.C. YOUNGER-GOOD



Carbon	10	21	S5	128	15YG
Stainless	10S	21S	S5S	128S	N/A

JACQUETTES/CONTRA-ANGLE



Carbon	J2	J3	H14	H15
Stainless	J2S	J3S	H14S	H15S

SICKLES/CONTRA-ANGLE



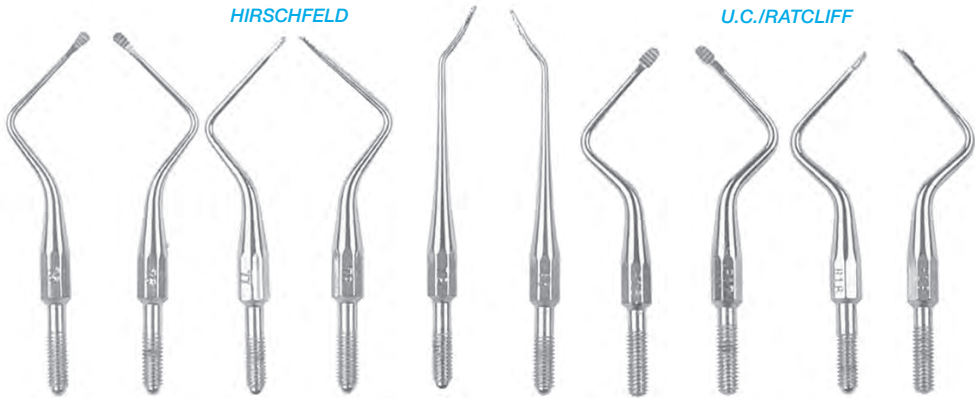
Carbon	S3	S4	S6	S7	S11	S12	34	35	204L	204R	N/A	N/A	N/A	N/A
Stainless	S3S	S4S	S6S	S7S	S11S	S12S	34S	35S	204LS	204RS	MJ1S	MJ2S	MJ3S	MJ4S

*55 also known as U-15

FILES

HIRSCHFELD

U.C./RATCLIFF



Carbon	75	76	77	78	79	80	R16	R17	R18	R19
Stainless	75S	76S	77S	78S	79S	80S	R16S	R17S	R18S	R19S

HOES



Carbon	R7	R8	R9	R10	R11	R12
Stainless	R7S	R8S	R9S	R10S	R11S	R12S

CONE SOCKET HANDLES

CSH – 5/16" Hollow Stainless



CSHA – 3/8" Lightweight Stainless



Colored Silicone C.S. Handles**
Variety of Color Options Available!



CSH1 – 1/4" Stainless

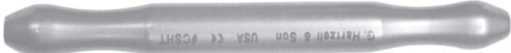


CSHS – 3/8" Stainless

1 end Cone Socket, 1 end simple stem*** with gauge for measuring endo files.



CSHT – 9mm. Titanium



CSHP – 5/16" Hollow Stainless - for tapping periotomes



CSH2A – 3/8" Lightweight Stainless S.E. Cone Socket
CSH2B – Same as above but fits IM8M, IM8, IMR3, IMR5, & IMR3X6 mirrors.



CSH2 – 1/4" Stainless S.E.



CSH3 – Hand-form S.E. Cone Socket
ICSHM – Same as above but fits IM8M, IM8, IMR3, IMR5, & IMR3X6 mirrors.



CONE SOCKET WRENCHES

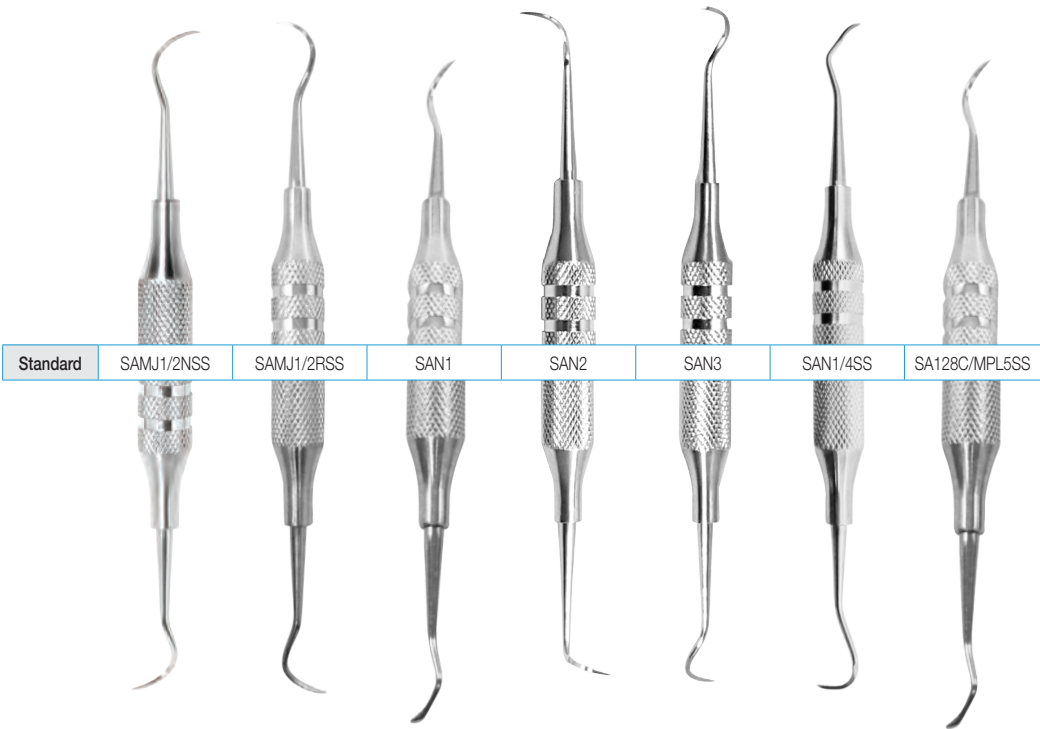


Carbon	CSW
Stainless	CSWS

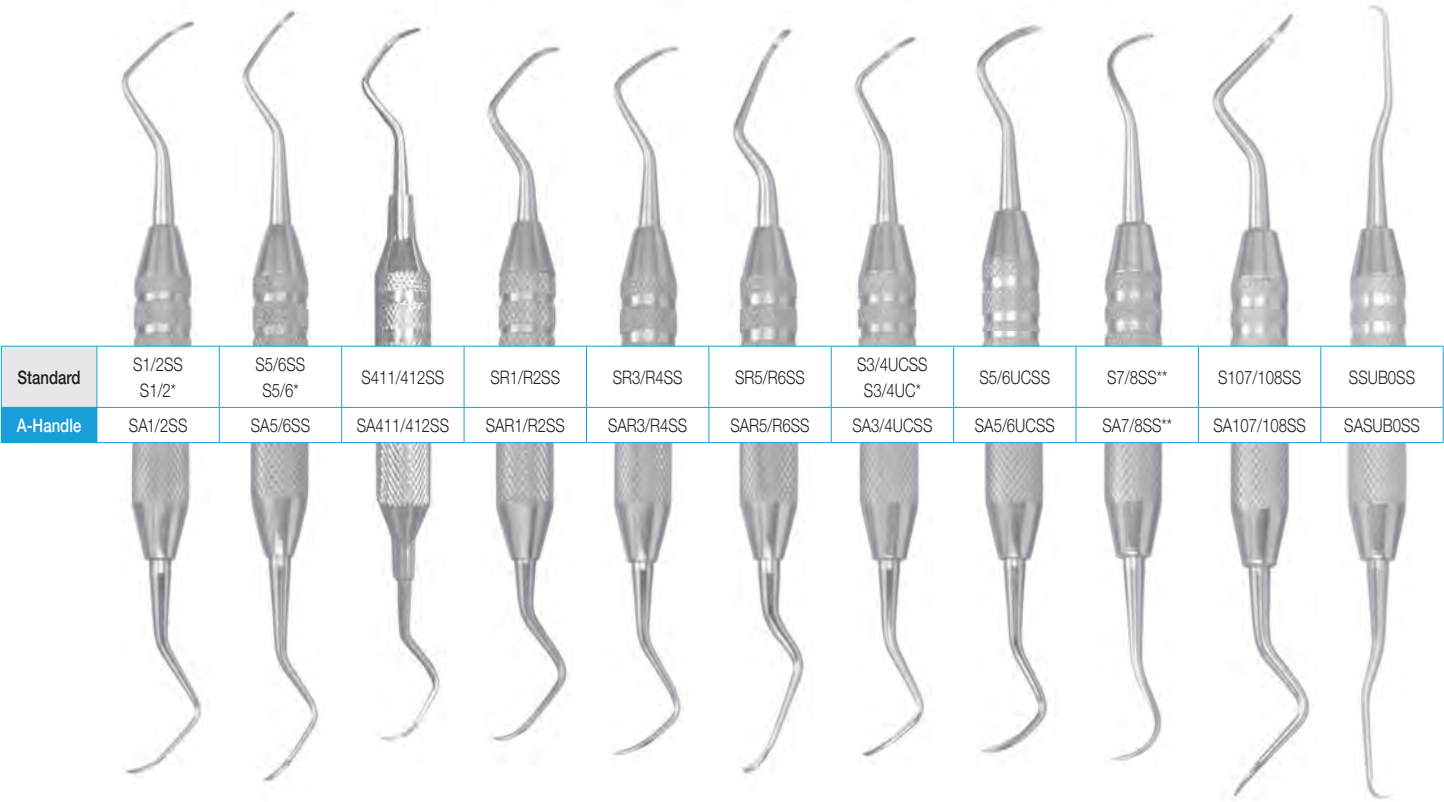


*"S" series files #S75, S76, S77, S78, SR16, SR17, SR18, and SR19 are also available. These files were designed by the Dept. of Dental Hygiene at Northern Arizona University and have an additional bend in the shank for improved accessibility.
*CSHS also available with both ends cone socket or both ends simple stem by special order.
**Silicone C.S. Handle Color Options: CSHBLACK, CSHGREEN, CSHGREY, CSHMAROON, CSHNAVYBLUE, CSHORANGE, CSHPINK, CSHPURPLE, CSHRED, CSHSKYBLUE, and CSHYELLOW
***Simple stem for IM8, IMR3, IMR5, & IMR3X6 mirrors

STAINLESS STEEL CURETTES



BARNHART 411/412 U.C./RATCLIFF U.C./RULE (Y/G) CATTONI SUBZERO



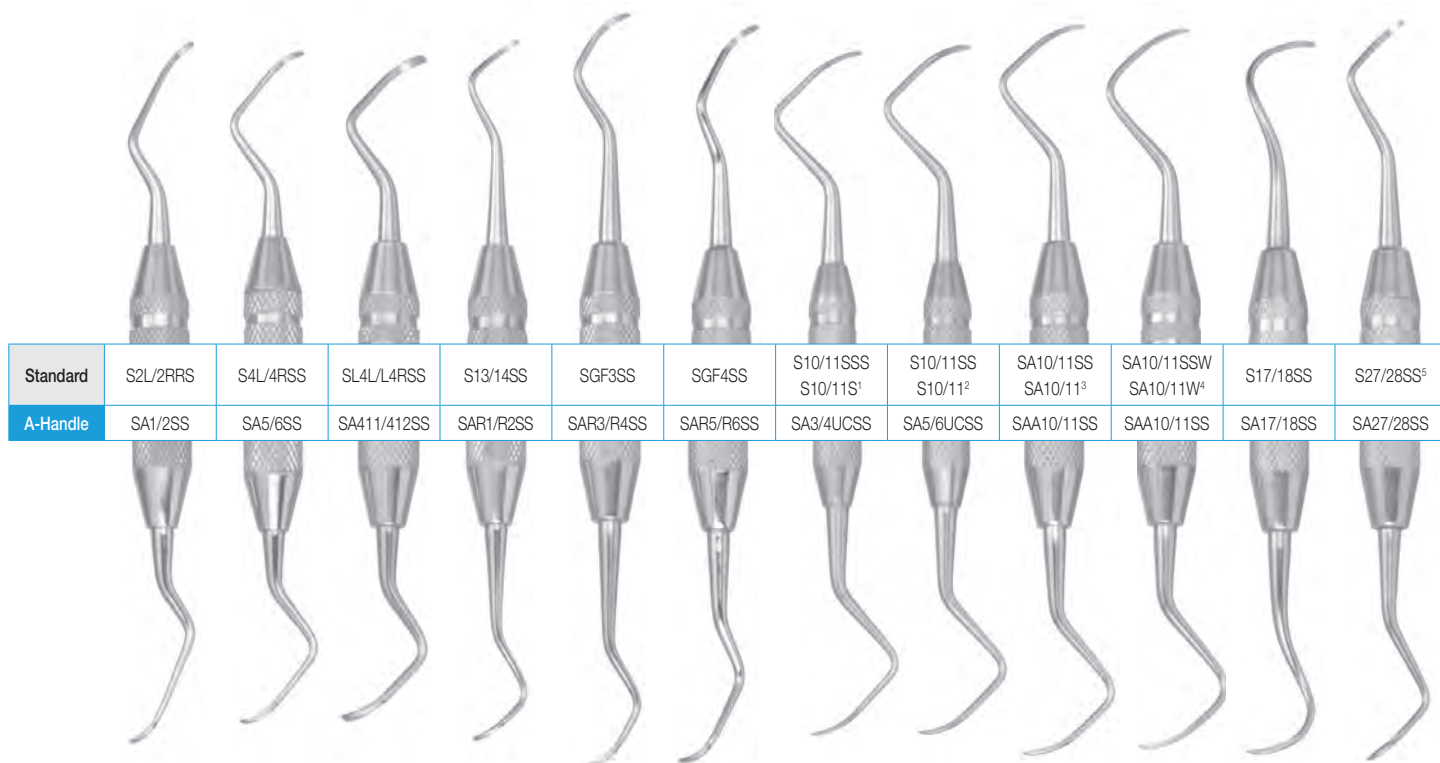
NOTE: All above instruments are Stainless Steel except instrument numbers listed with " * " which denotes instrument number in Carbon Steel.
**Available rigid shank: S7/8HSS and SA7/8HSS

COLUMBIA

GOLDMAN-FOX

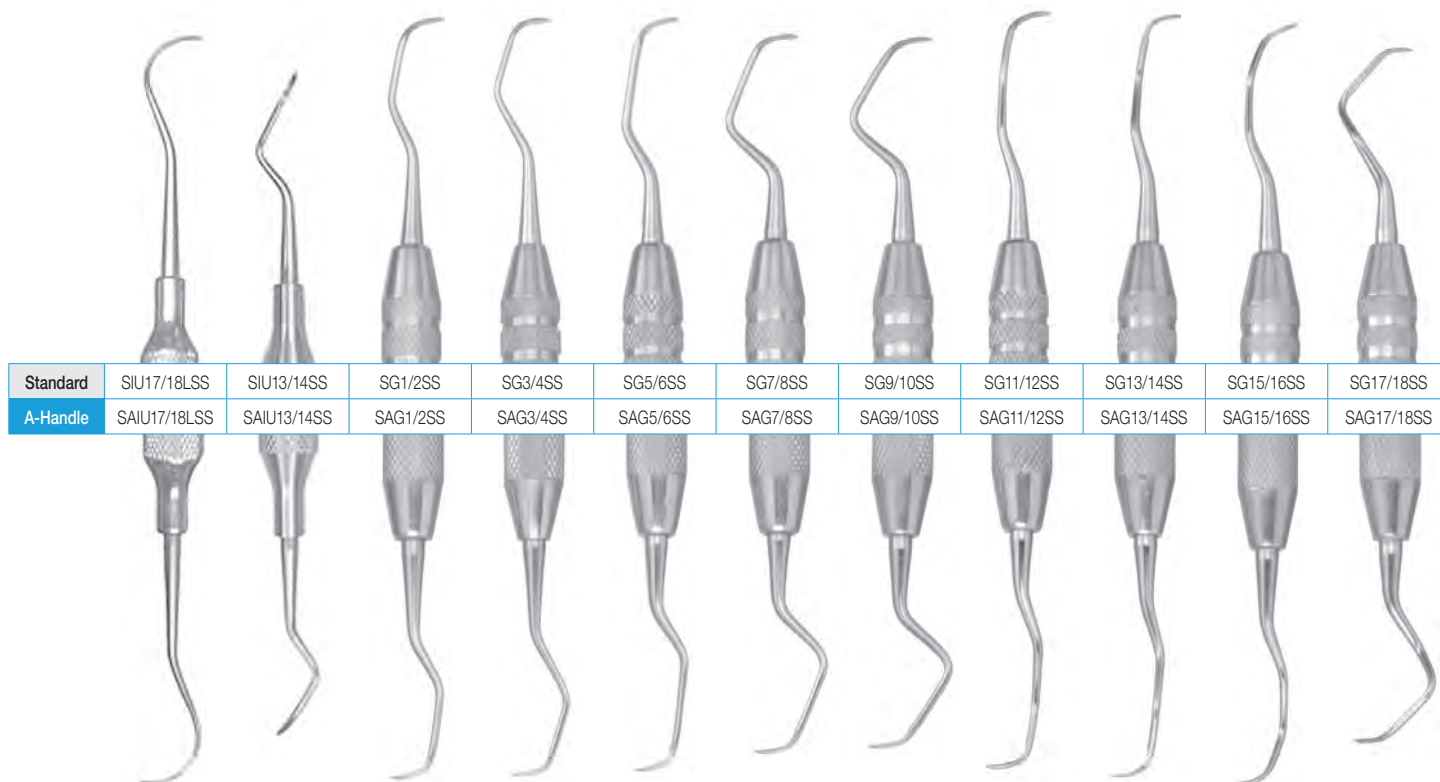
LOMA LINDA

MCCALL



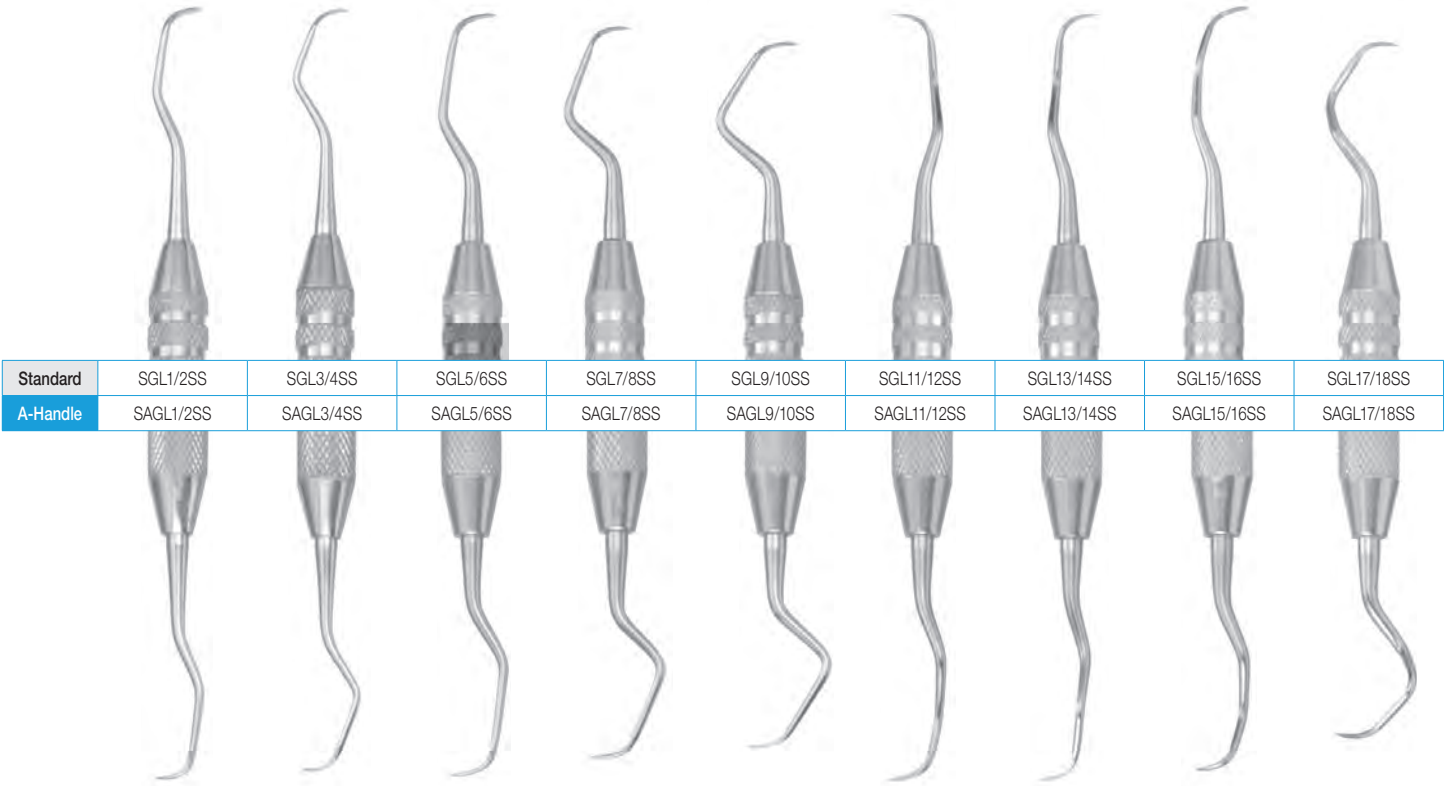
INDIANA UNIVERSITY

GRACEY

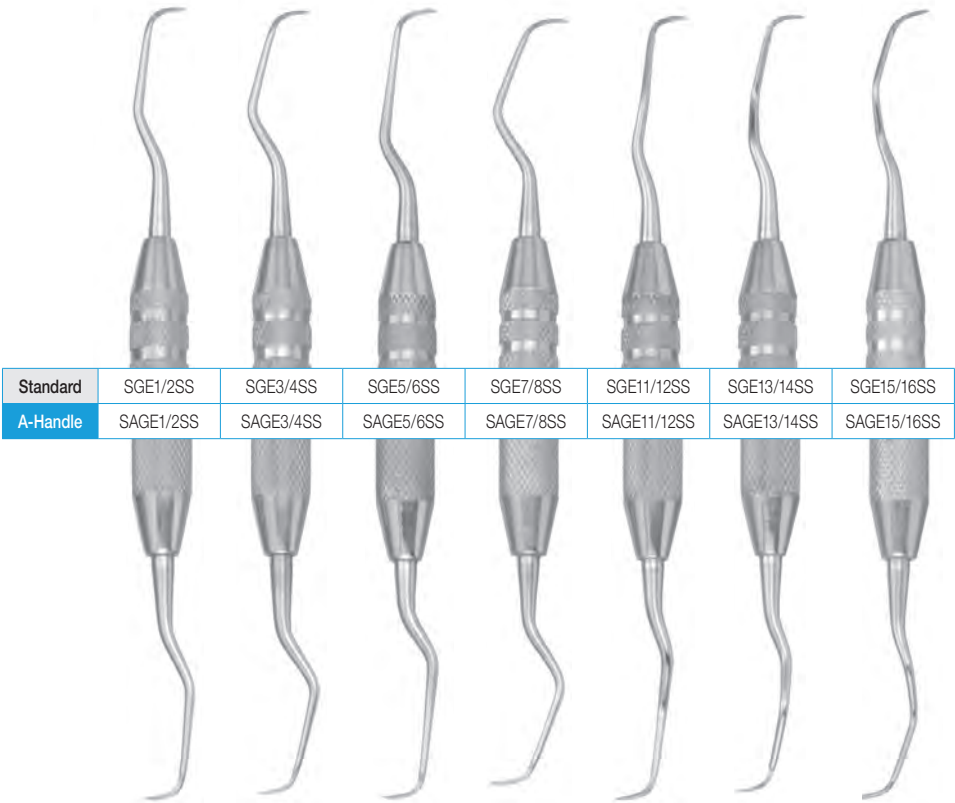


All above instruments are Stainless Steel except instrument numbers listed with " * " which denotes instrument number in carbon steel. Please note that S10/11S and S10/11 have 1/4" round handles. Avail. rigid shank (London Modification): S4L/4RHSS and SA4L/4RHSS. O'Hehir furcation curettes #SAOH1/2SS, #SAOH3/4SS, #SAOH5/6SS, #SAOH7/8SS also available.
 1. S10/11S: Slim Blade Width 2. S10/11: Regular Blade Width 3. SA10/11 Regular Blade Width 4. SA10/11W Wide Blade Width 5. Same as #13S/14S McCall

RIGID GRACEY



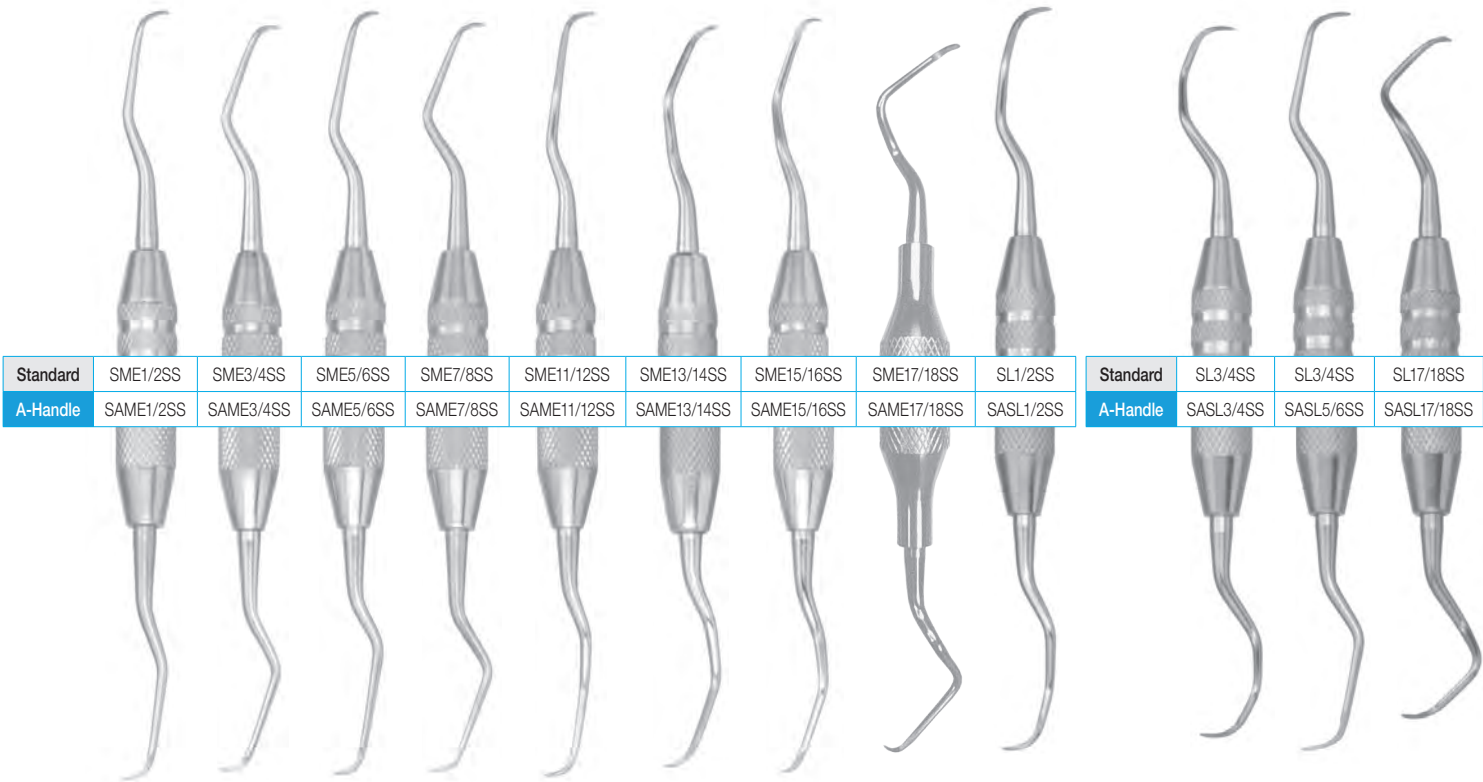
EXTENDED GRACEY



All above instruments are Stainless Steel.
These curettes have a terminal shank that has been lengthened by 3mm. over standard Graceys. This facilitates access for scaling and root planing in deep periodontal pockets of 5mm. or more in depth.

MINI EXTENDED GRACEY*

LANGER



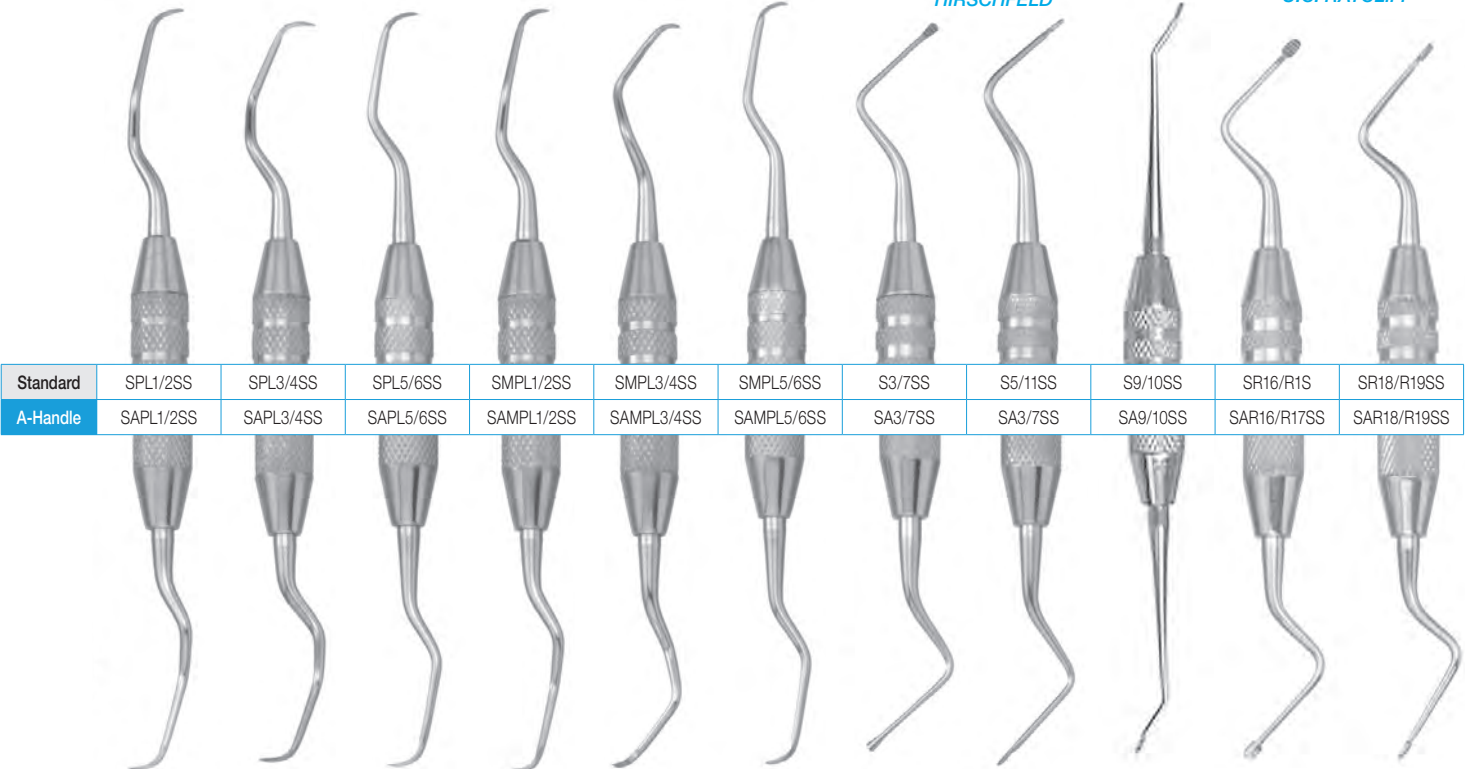
LANGER-PATTISON

MINI LANGER-PATTISON

HIRSCHFELD

FILES

U.C. RATCLIFF



All above instruments are Stainless Steel.
 *These curettes are the same as "Extended Gracey" curettes but have 1/2-length blades to provide for easier access and adaptability in deep pockets.

Files continued on next page.

DIAMOND FILES

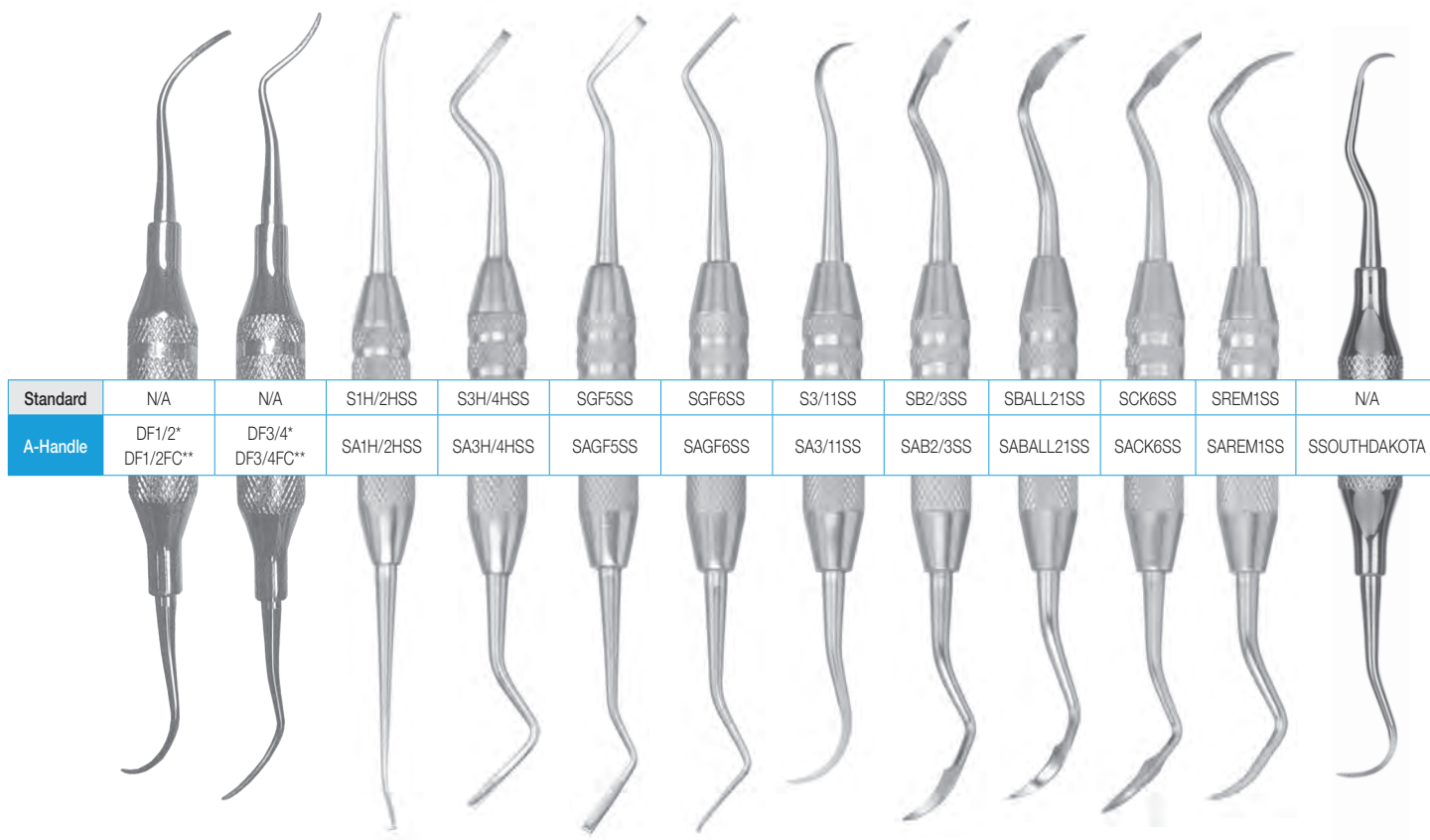
HOE SCALERS

BALL

CRANE KAPLAN

REMMINGTON

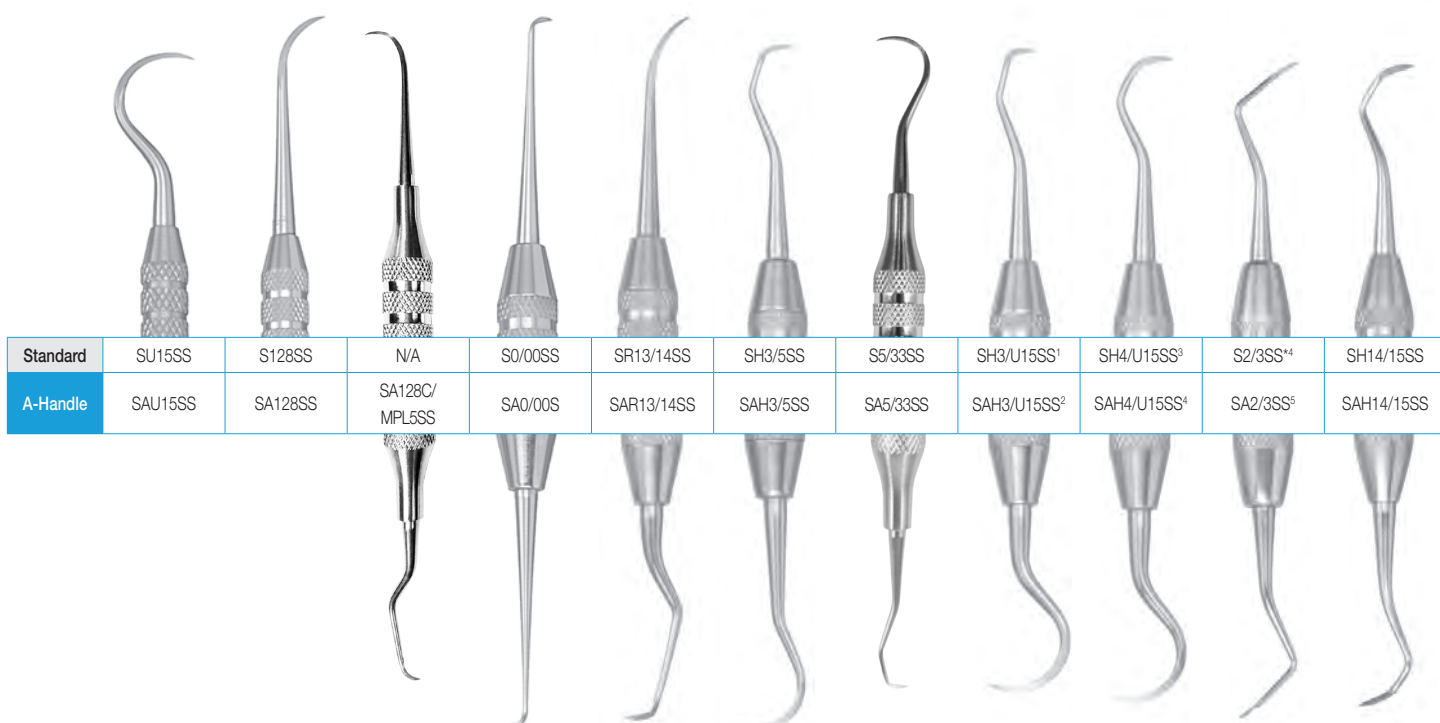
SOUTH DAKOTA CURETTE/SICKLE



S.E. JACQUETTES/SICKLES TOWNER U.O.P.

D.E. JAC./SICKLES MORSE MITCHELL

JACQUETTES/SICKLES - STRAIGHT



All above instruments are Stainless Steel except instrument numbers listed with "*" which denotes instrument number in carbon steel.

* S2/3 is carbon steel.

1) Same as S33/U15SS. 2) Same as SA33/U15SS. 3) Same as S30/U15SS. 4) Same as SA30/U15SS. 5) Same as S34/35SS. 6) Same as SA34/35SS.

JACQUETTES/SICKLES – CONTRA ANGLE

Standard	SMJ1/2SS	N/A	SMJ1/2RSS	S3/4SS	S6/7SS	S11/12SS	S204SS	S204SD	SIUFW204	SN1	SN2	N/A	N/A
A-Handle	SAMJ1/2SS	SAMJ1/2NSS	SAMJ1/2RSS	SA3/4SS	SA6/7SS	SA11/12SS	SA204SS	SA204SD	SAIUFW204	SAN1	SAN2	SAN3	SAN1/4SS

ASPIRATING SYRINGES

“A” TYPE

“CW” TYPE



SYRASPAP



SYRASPCP

SURGICAL MILK



MILK – SURGICAL MILK

This product is a pre-autoclave instrument dip which inhibits corrosion and rusting of instruments. It is also a lubricant for hinged instruments. Surgical Milk is particularly well-suited for use with certain cassette-type steam autoclaves. (1 qt./32 fl. oz.)

CORROSION INHIBITOR



CI – CORROSION INHIBITOR

Use of this Corrosion Inhibitor will prevent corrosion and rusting of carbon steel instruments during steam autoclaving. This product is mixed with distilled water and used in the autoclave. (480ml./16 fl. oz.)

All above instruments are Stainless Steel.

FLAT ARKANSAS



NHB13 (3" X 1" X 1/4"-3/8")
NHB14 (4" X 1" X 1/4"-3/8")
NHB24 (4" X 2" X 3/8"-1/2")

CARVING TOOL SLIP



NAS22 Arkansas (2 1/4" X 7/8" X 3/16")
NMS22 Medium India (2 1/4" X 7/8" X 3/16")

FLAT INDIA



NFB24 Fine India (4" X 1" X 1/2")
NMB24 Medium India (4" X 1" X 1/2")

ARKANSAS SLIP



NHS3 (3" X 1 3/4" -2" X 1/4" -3/8" X 1/16" -1/8")
NHS4 (4" X 1 3/4" -2" X 3/8" -1/2" X 1/8" -3/16")

CERAMIC STONE



SCER Ceramic Stone (3" X 1 1/4" X 1/4")

INDIA SLIP



NFS14 Fine India (4" X 1" X 7/16" X 3/16")
NFS44 Fine India (4 1/2" X 1 3/4" X 1/2" X 3/16")
NMS44 Medium India (4 1/2" X 1 3/4" X 1/2" X 3/16")

ARKANSAS CONICAL



NHF863 (3" -3 1/2" X 1/4" Base)

PLASTIC TEST STICK



PTS (3" X 1/4") - Autoclavable

FLAT SHARPENING FILE (TANGED)



GFF File

EDGEMATE II STONE



SEDE Stone (4" X 1" x 5/8")



NJP13 Stone (3" X 7/8" X 3/8")



NEDGE Stone (3 1/2" x 1 1/4" x 1/2") - includes grooves for curettes



NEDGED Stone (3 1/2" x 1 1/4" x 1/2") - diamond-coated with grooves for curettes

DIAMOND SHARPENING FILE



DSF

3-SIDED SHARPENING FILE



G3F File

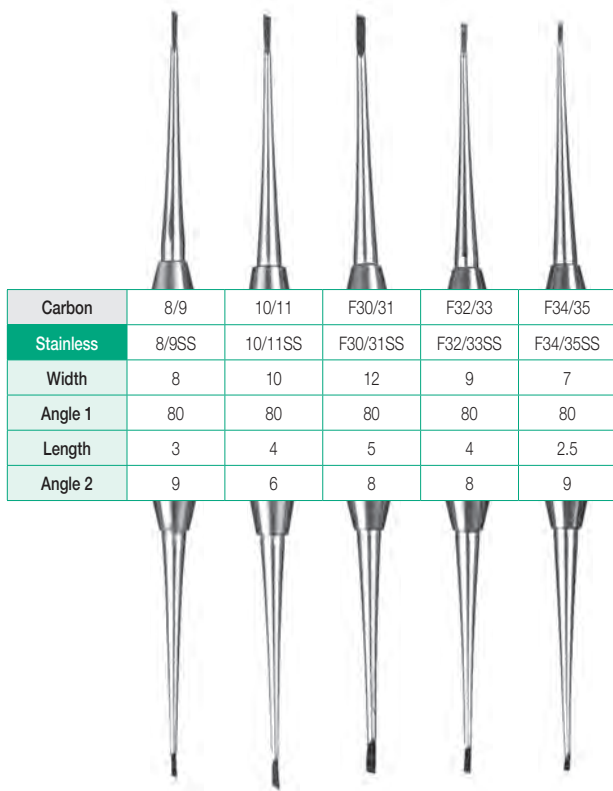
Note: Part Number **NO** – Norton Sharpening Oil is also available in 4 1/2 oz. can

RESTORATIVE INSTRUMENTS

Instruments in this section:

Angle-Formers and Chisels	22
Excavators	23
Enamel Hatchets and Hoes	24
Margin Trimmers	25
Burnishers	25
Cord Packers	26
Composite Instruments	26
Carvers	27
Wax and Cement Spatulas	27
Gold and Amalgam Knives	28
Amalgam Carriers	28
Articulating Paper Forceps	28
Pluggers and Condensers	29
Crown Gauges, Spreaders, and Removers	30

ANGLE FORMERS



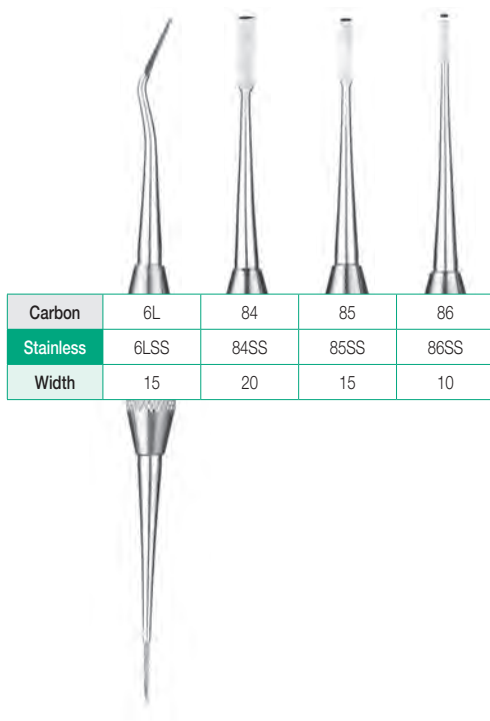
Carbon	8/9	10/11	F30/31	F32/33	F34/35
Stainless	8/9SS	10/11SS	F30/31SS	F32/33SS	F34/35SS
Width	8	10	12	9	7
Angle 1	80	80	80	80	80
Length	3	4	5	4	2.5
Angle 2	9	6	8	8	9

CHISELS – BIN-ANGLE



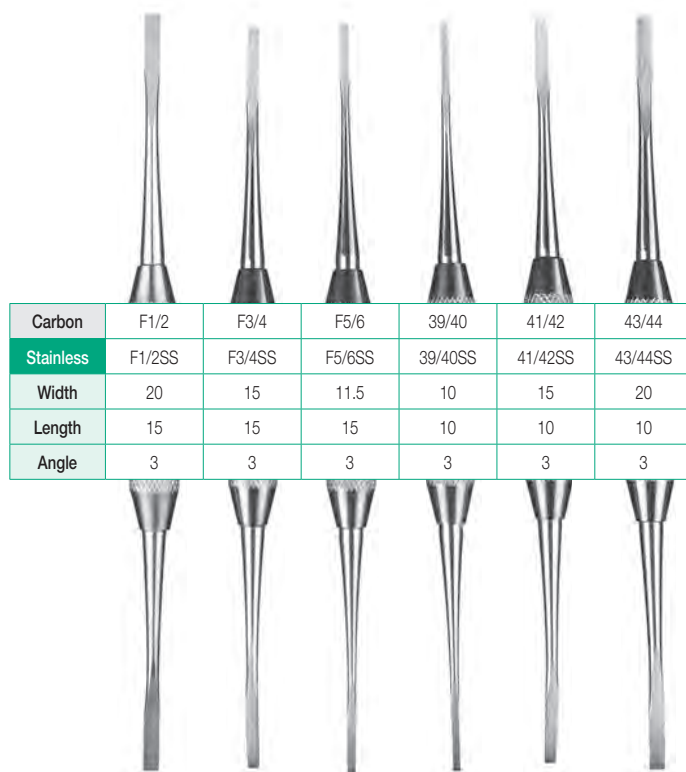
Carbon	F8/9	F11/12	81/81R	82/82R	83/83R
Stainless	F8/9SS	F11/12SS	81/81RSS	82/82RSS	83/83RSS
Width	20	15	20	15	10
Length	9	8	9	8	6
Angle	8	8	6	6	6

CHISELS – STRAIGHT



Carbon	6L	84	85	86
Stainless	6LSS	84SS	85SS	86SS
Width	15	20	15	10

CHISELS – WEDELSTAEDT*



Carbon	F1/2	F3/4	F5/6	39/40	41/42	43/44
Stainless	F1/2SS	F3/4SS	F5/6SS	39/40SS	41/42SS	43/44SS
Width	20	15	11.5	10	15	20
Length	15	15	15	10	10	10
Angle	3	3	3	3	3	3

Measurement Call-Outs

Width: Width of blade in millimeters

Angle 1: Degree of angle for blade's cutting edge in relationship to handle

Length: Length of blade in millimeters

Angle 2: Angle of blade from long axis of shaft in degrees

Measurement Call-Outs

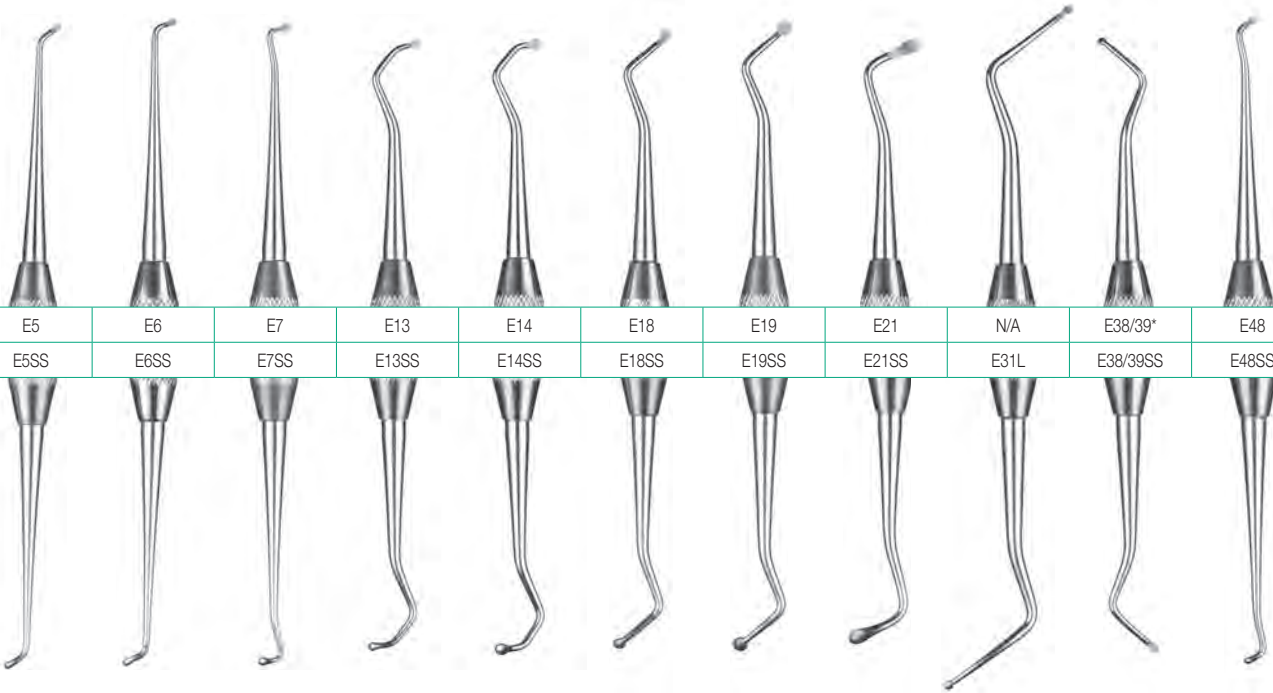
Width: Width of blade in millimeters

Length: Length of blade in millimeters

Angle: Angle of blade

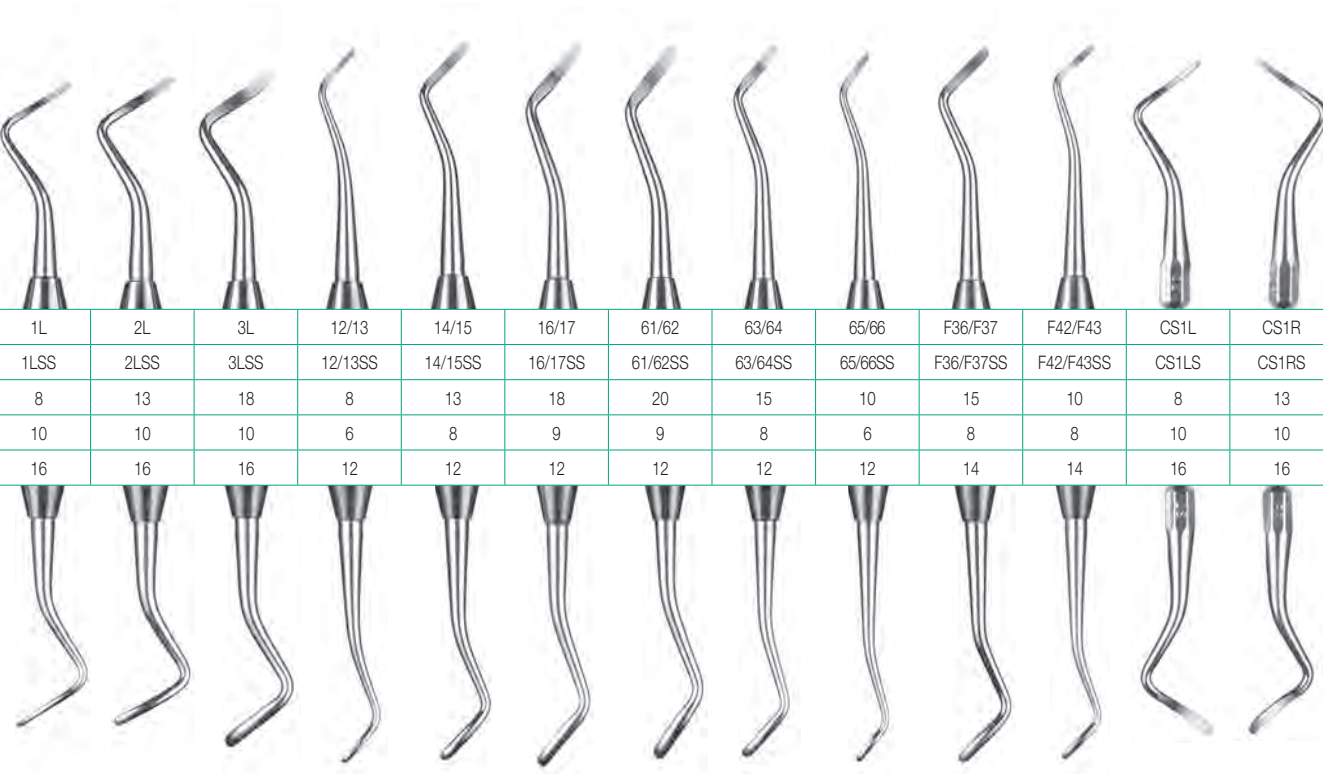
*Also available in Single End.

EXCAVATORS – DISC TYPE



Carbon	E5	E6	E7	E13	E14	E18	E19	E21	N/A	E38/39*	E48
Stainless	E5SS	E6SS	E7SS	E13SS	E14SS	E18SS	E19SS	E21SS	E31L	E38/39SS	E48SS

EXCAVATORS – SPOON TYPE



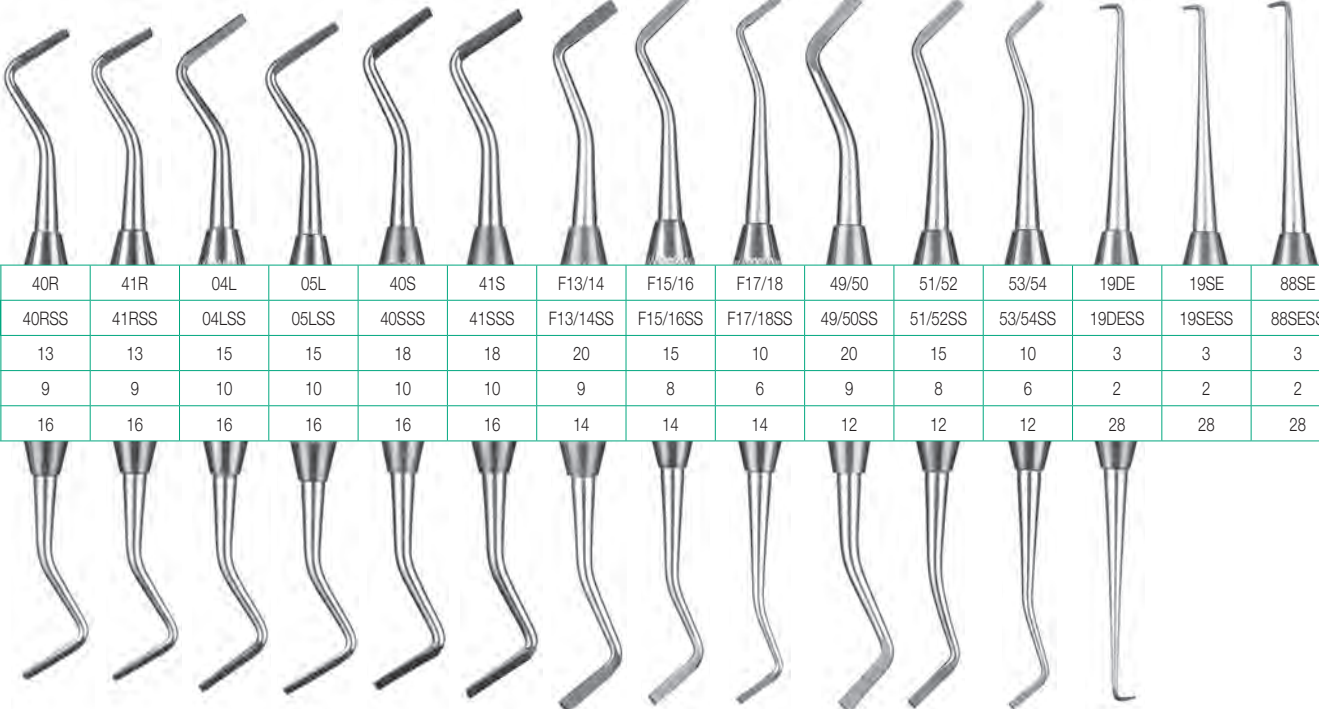
Carbon	1L	2L	3L	12/13	14/15	16/17	61/62	63/64	65/66	F36/F37	F42/F43	CS1L	CS1R
Stainless	1LSS	2LSS	3LSS	12/13SS	14/15SS	16/17SS	61/62SS	63/64SS	65/66SS	F36/F37SS	F42/F43SS	CS1LS	CS1RS
Width	8	13	18	8	13	18	20	15	10	15	10	8	13
Length	10	10	10	6	8	9	9	8	6	8	8	10	10
Angle	16	16	16	12	12	12	12	12	12	14	14	16	16

Measurement Call-Outs
Width: Width of blade in millimeters
Length: Length of blade in millimeters
Angle: Angle of blade

*Width Information: Width 1: 11.5 | Width 2: 7 | Width 3: 14

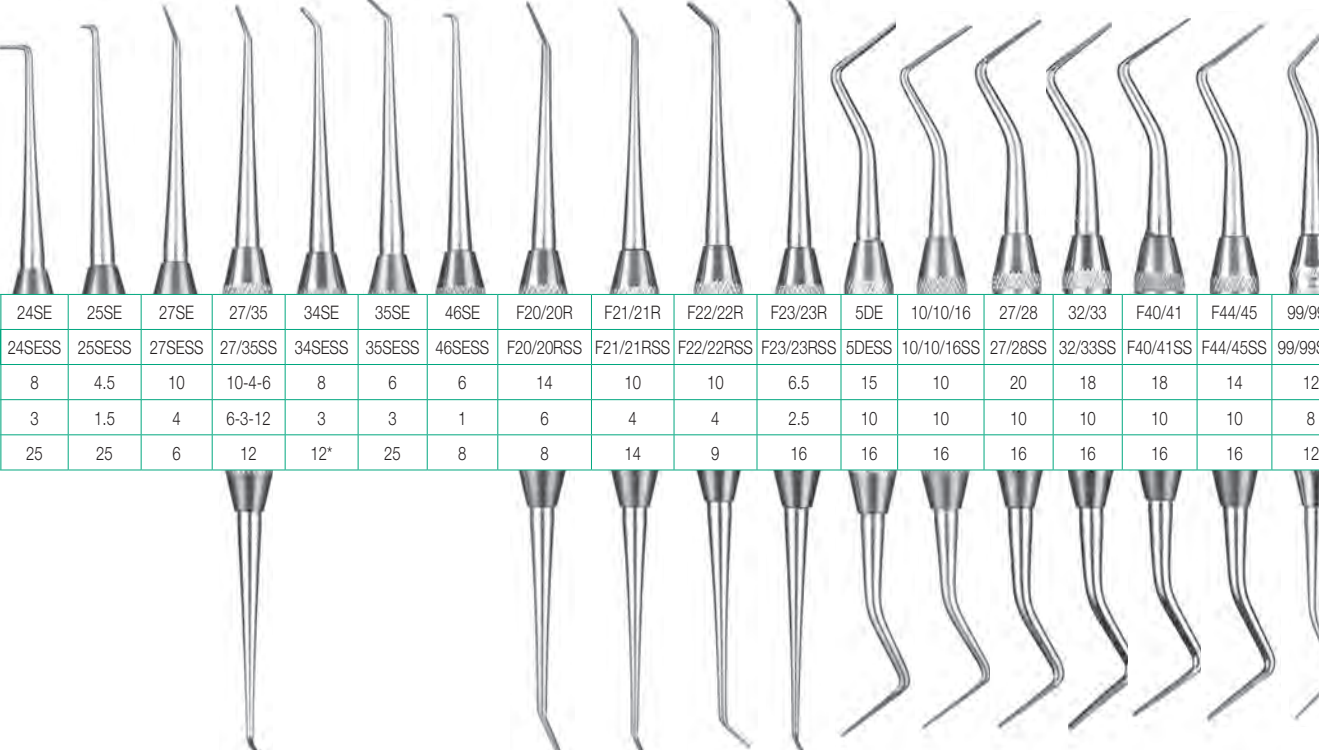
OFF-ANGLE HATCHETS

ENAMEL HATCHETS



Carbon	40R	41R	04L	05L	40S	41S	F13/14	F15/16	F17/18	49/50	51/52	53/54	19DE	19SE	88SE
Stainless	40RSS	41RSS	04LSS	05LSS	40SSS	41SSS	F13/14SS	F15/16SS	F17/18SS	49/50SS	51/52SS	53/54SS	19DESS	19SESS	88SESS
Width	13	13	15	15	18	18	20	15	10	20	15	10	3	3	3
Length	9	9	10	10	10	10	9	8	6	9	8	6	2	2	2
Angle	16	16	16	16	16	16	14	14	14	12	12	12	28	28	28

HOES



Carbon	24SE	25SE	27SE	27/35	34SE	35SE	46SE	F20/20R	F21/21R	F22/22R	F23/23R	5DE	10/10/16	27/28	32/33	F40/41	F44/45	99/99S
Stainless	24SESS	25SESS	27SESS	27/35SS	34SESS	35SESS	46SESS	F20/20RSS	F21/21RSS	F22/22RSS	F23/23RSS	5DESS	10/10/16SS	27/28SS	32/33SS	F40/41SS	F44/45SS	99/99SSS
Width	8	4.5	10	10-4-6	8	6	6	14	10	10	6.5	15	10	20	18	18	14	12
Length	3	1.5	4	6-3-12	3	3	1	6	4	4	2.5	10	10	10	10	10	10	8
Angle	25	25	6	12	12*	25	8	8	14	9	16	16	16	16	16	16	16	12

*Axial Plane.

#40R, #05L, #40S-Distal offset, to plane and cleave proximal walls disto-buccal and disto-lingual. #41R, #04L, #41S – Same as above, except for mesial.

Measurement Call-Outs

Width: Width of blade in millimeters
Length: Length of blade in millimeters
Angle: Angle of blade

MARGIN TRIMMERS

Carbon	19/20	21/22	F26	F27	F28	F29	40DE	41DE	73/74	75/76	77/78	79/80	N/A	N/A
Stainless	19/20SS	21/22SS	F26SS	F27SS	F28SS	F29SS	40DESS	41DESS	73/74SS	75/76SS	77/78SS	79/80SS	DM1	DM2
Width	12	12	13	13	10	10	12	12	20	20	15	15	1.7	1.8
Angle 1	95	80	95	80	95	80	100	75	95	80	95	80	N/A	N/A
Length	10	10	8	8	7	7	10	10	9	9	8	8	9	9
Angle 2	12	12	14	14	14	14	12	12	12	12	12	12	N/A	N/A

BURNISHERS

BEAVERTAIL

INTERPROXIMAL

ACORN

BALL

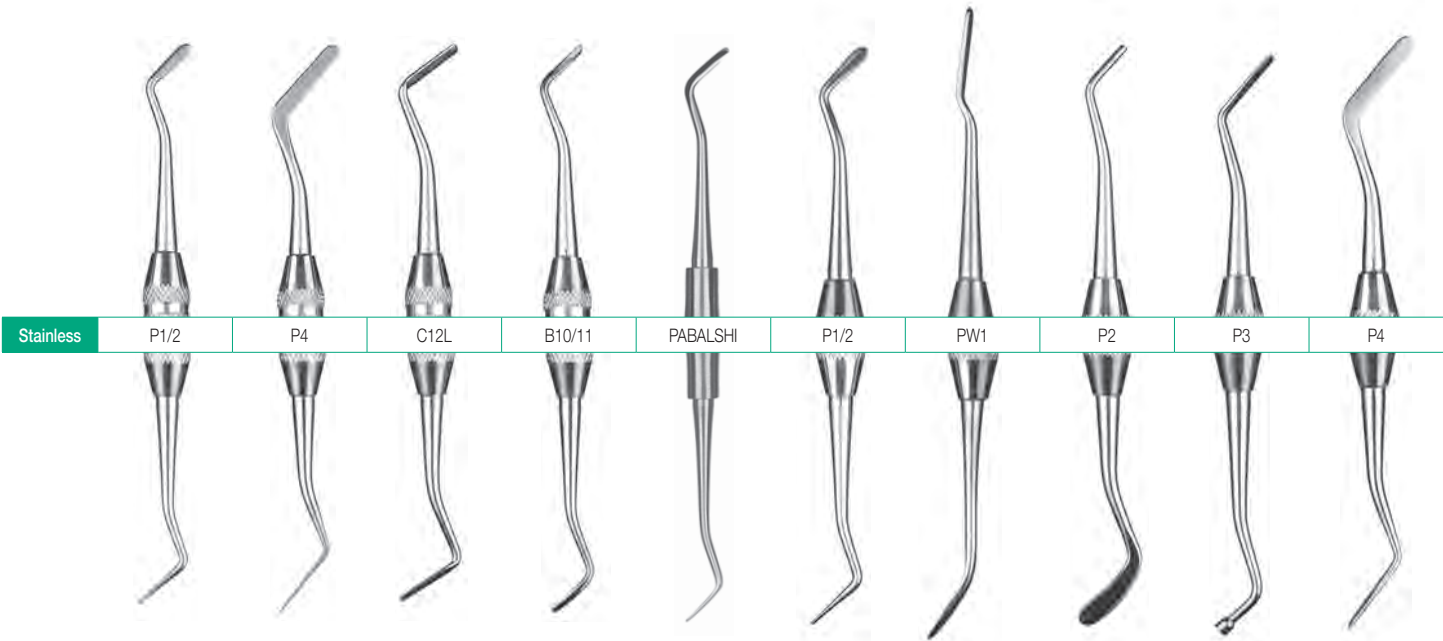
Stainless	BB2	B24	B2/4	B6/7	B10/11	B11L	B21B	B21	BV1	B2/26	B25/26	B26/27	B27/27S	B27/29	B28/29	BF

Measurement Call-Outs
Width: Width of blade in millimeters
Angle 1: Degree of angle for blade's cutting edge in relationship to handle
Length: Length of blade in millimeters
Angle 2: Angle of blade from long axis of shaft in degrees

PLASTIC FILLING/COMPOSITE INSTRUMENTS

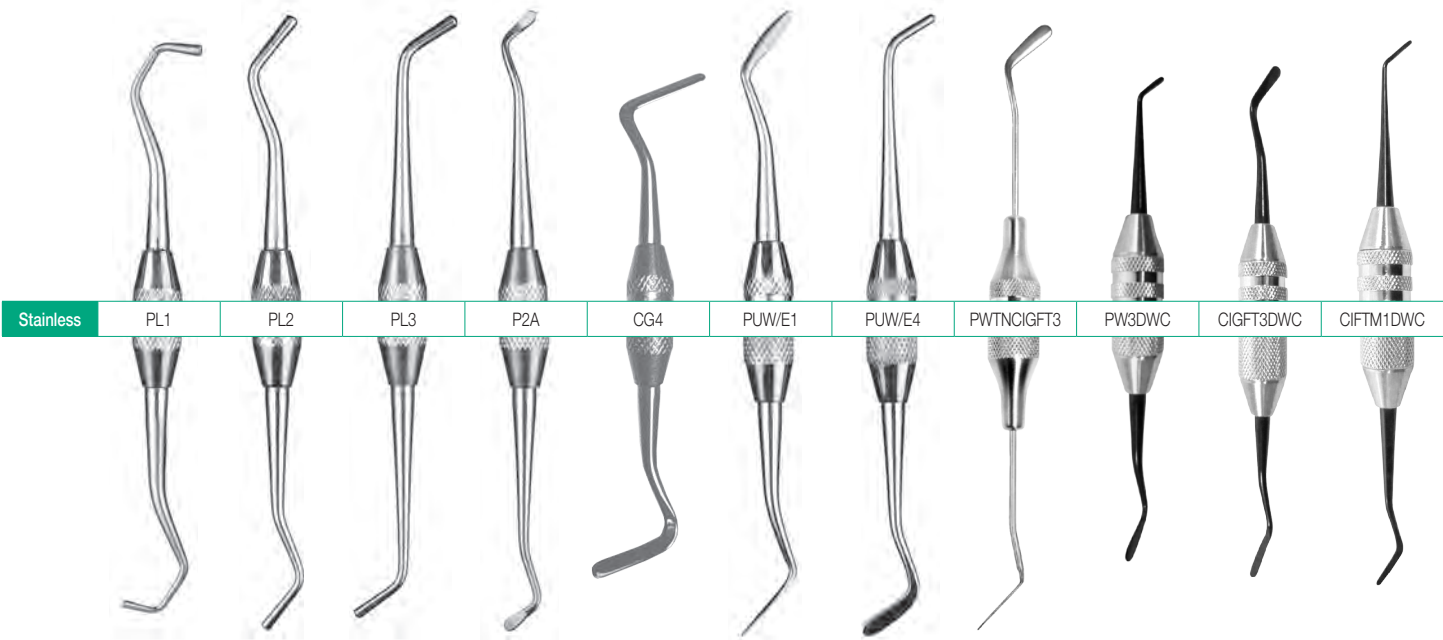
U.C.

WOODSON



LADMORE

UNIVERSITY OF WASHINGTON



Composite instruments are available in your choice of the following coatings:

High Polished Stainless Steel | Gold Titanium Nitride | Black Diamond-like Carbon (DLC)

Please specify your preference when ordering!

NOTE: A gold titanium nitride coating may be placed on any of the above instruments to create a hard non-stick surface for use with composites. Please use the standard stock number for the instrument followed by a "T" (e.g., #P1/2T).

CARVERS

BRALY

HOLLENBACK

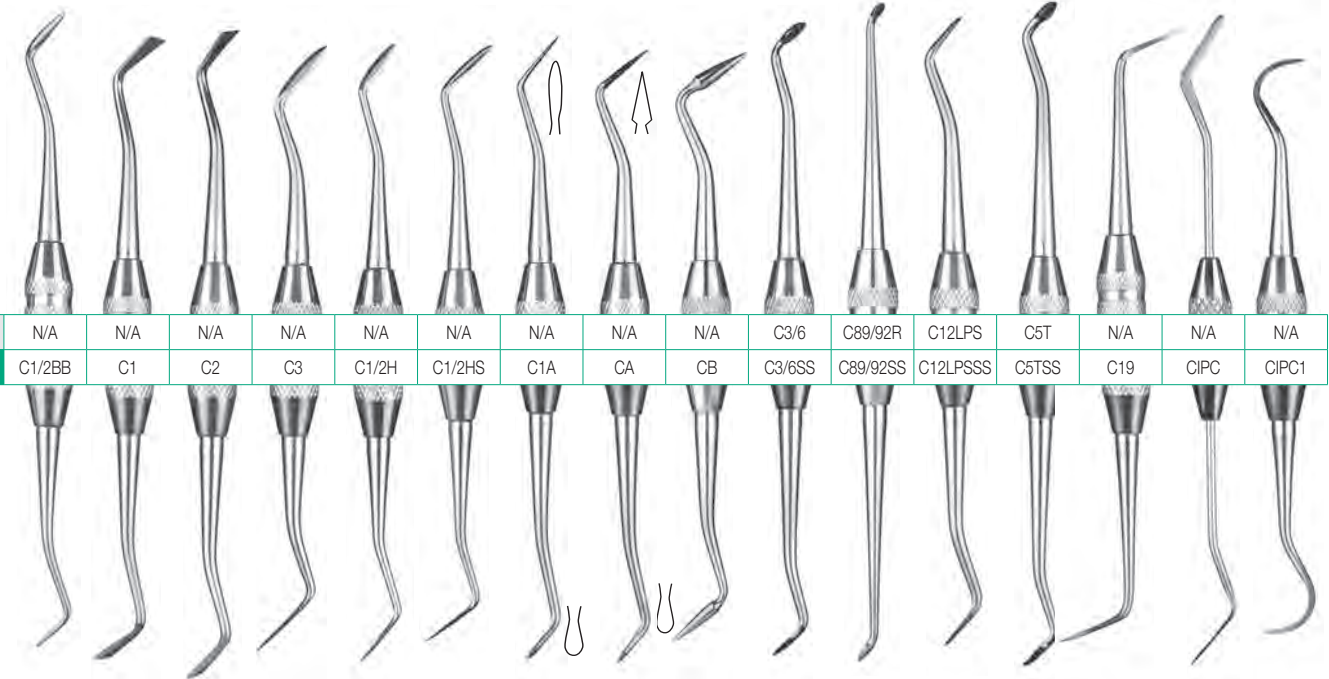
SOOSHAN

DISCOID-CLEOID

TANNER

IPC

IPC1



CARVERS

CORD PACKERS

PLACEMENT INSTRUMENTS

CEMENT SPATULAS

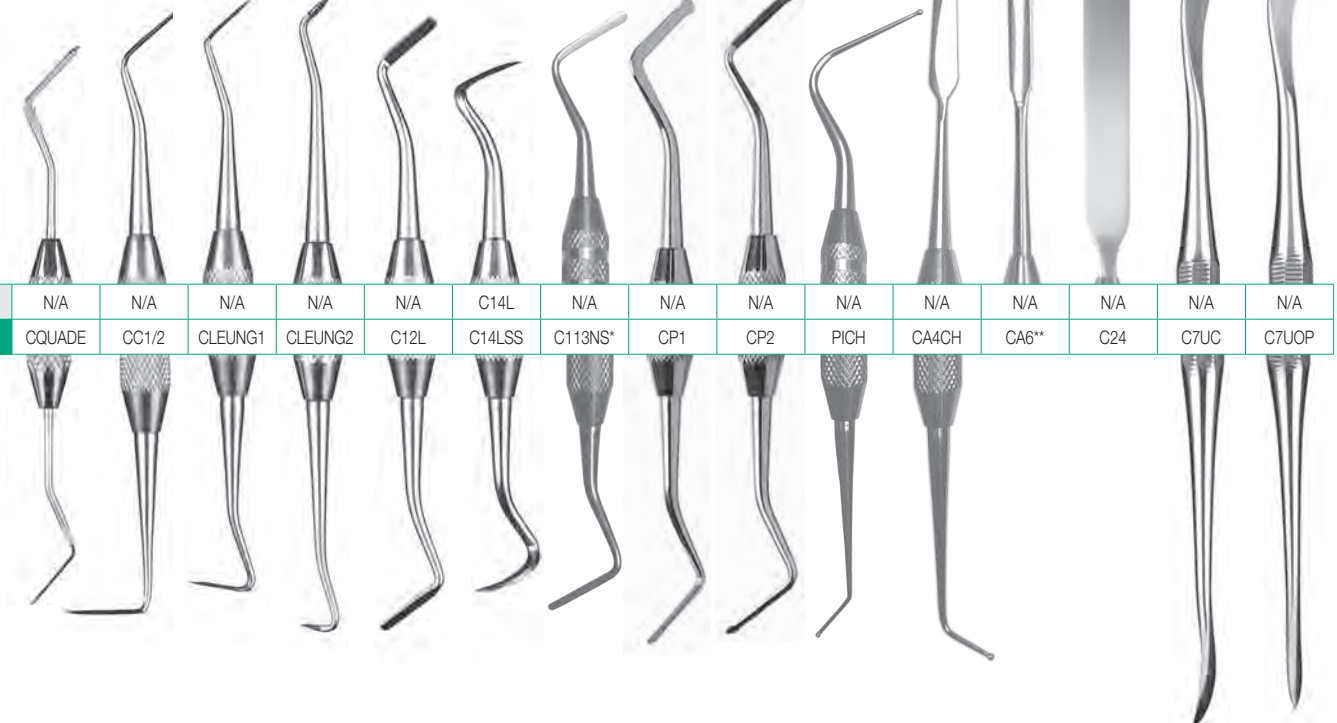
WAX SPATULAS

QUADE

CRAIG

LEUNG

DEMEO



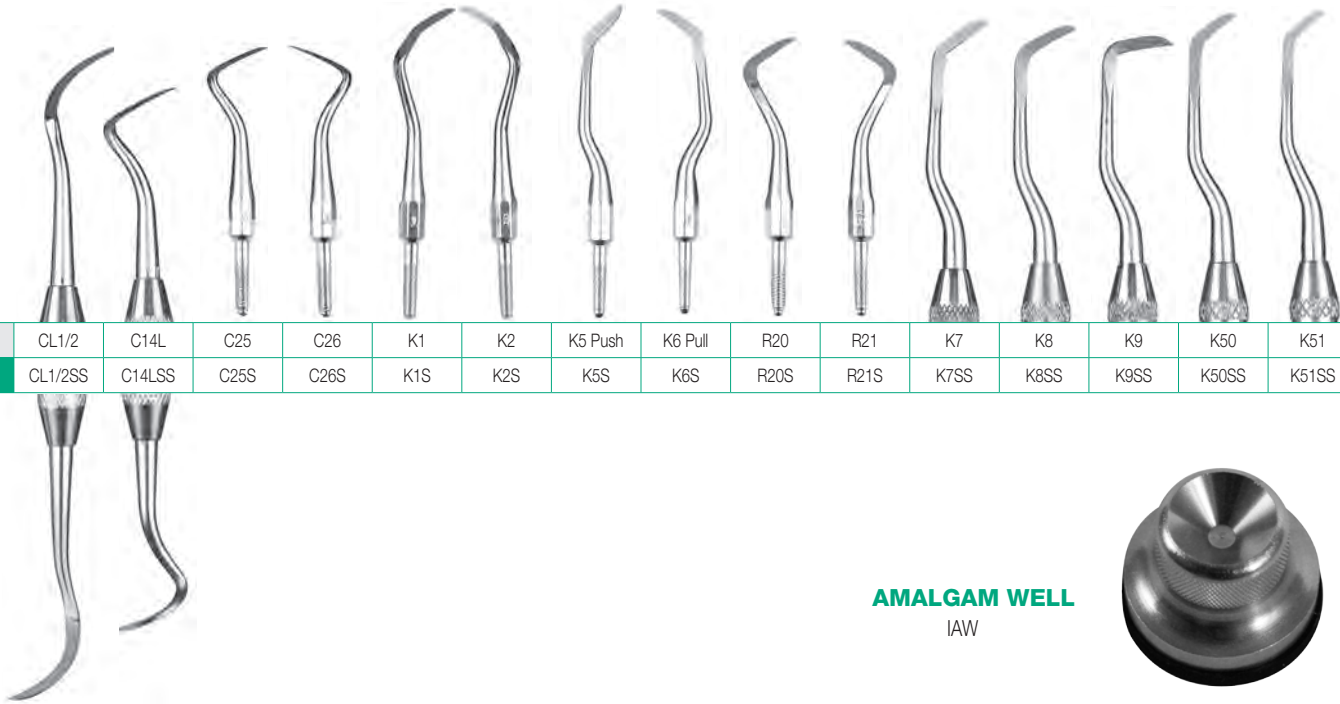
*C113 for Serrated.

**Item also available in double-end: #CA6/24 or #CAA6/24.

AMALGAM KNIVES

KNIVES
GOLD KNIVES

Carbon	CL1/2	C14L	C25	C26	K1	K2	K5 Push	K6 Pull	R20	R21	K7	K8	K9	K50	K51
Stainless	CL1/2SS	C14LSS	C25S	C26S	K1S	K2S	K5S	K6S	R20S	R21S	K7SS	K8SS	K9SS	K50SS	K51SS



AMALGAM WELL
IAW



WAXING INSTRUMENTS
P.K. THOMAS

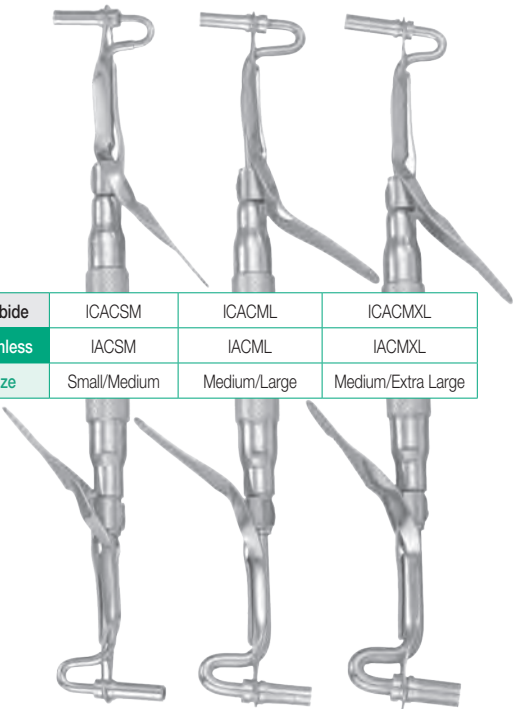
AMALGAM CARRIERS

ARTICULATING
PAPER FORCEPS

Stainless	CPKT1	CPKT2	CPKT3	CPKT4	CPKT5
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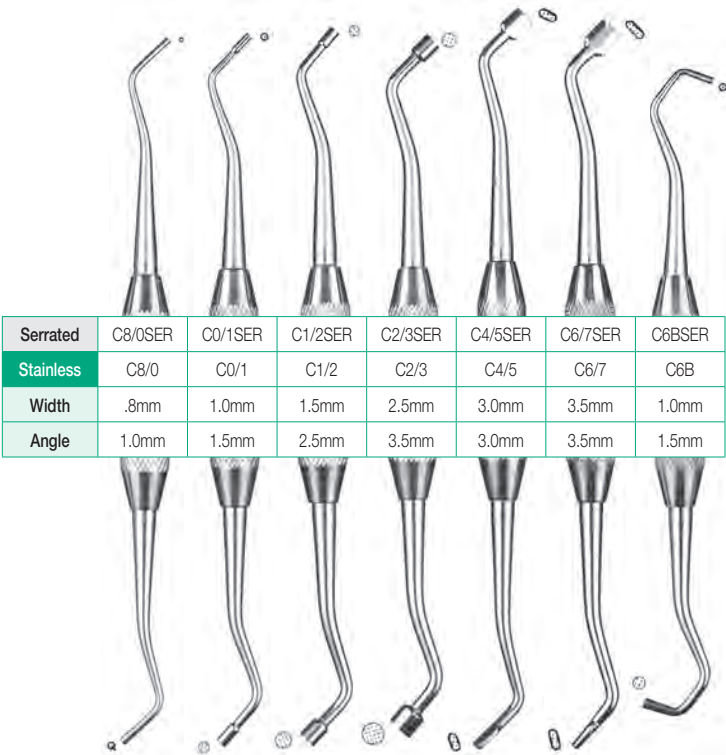


Carbide	ICACSM	ICACML	ICACMXL
Stainless	IACSM	IACML	IACMXL
Size	Small/Medium	Medium/Large	Medium/Extra Large



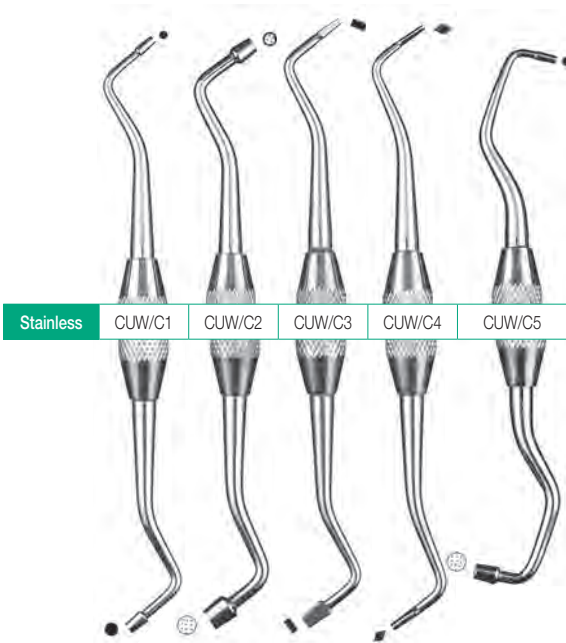
PLUGGERS & CONDENSERS

BLACK'S



Serrated	C8/0SER	C0/1SER	C1/2SER	C2/3SER	C4/5SER	C6/7SER	C6BSER
Stainless	C8/0	C0/1	C1/2	C2/3	C4/5	C6/7	C6B
Width	.8mm	1.0mm	1.5mm	2.5mm	3.0mm	3.5mm	1.0mm
Angle	1.0mm	1.5mm	2.5mm	3.5mm	3.0mm	3.5mm	1.5mm

HOLLENBACK'S
UNIVERSITY OF WASHINGTON



Stainless	CUW/C1	CUW/C2	CUW/C3	CUW/C4	CUW/C5
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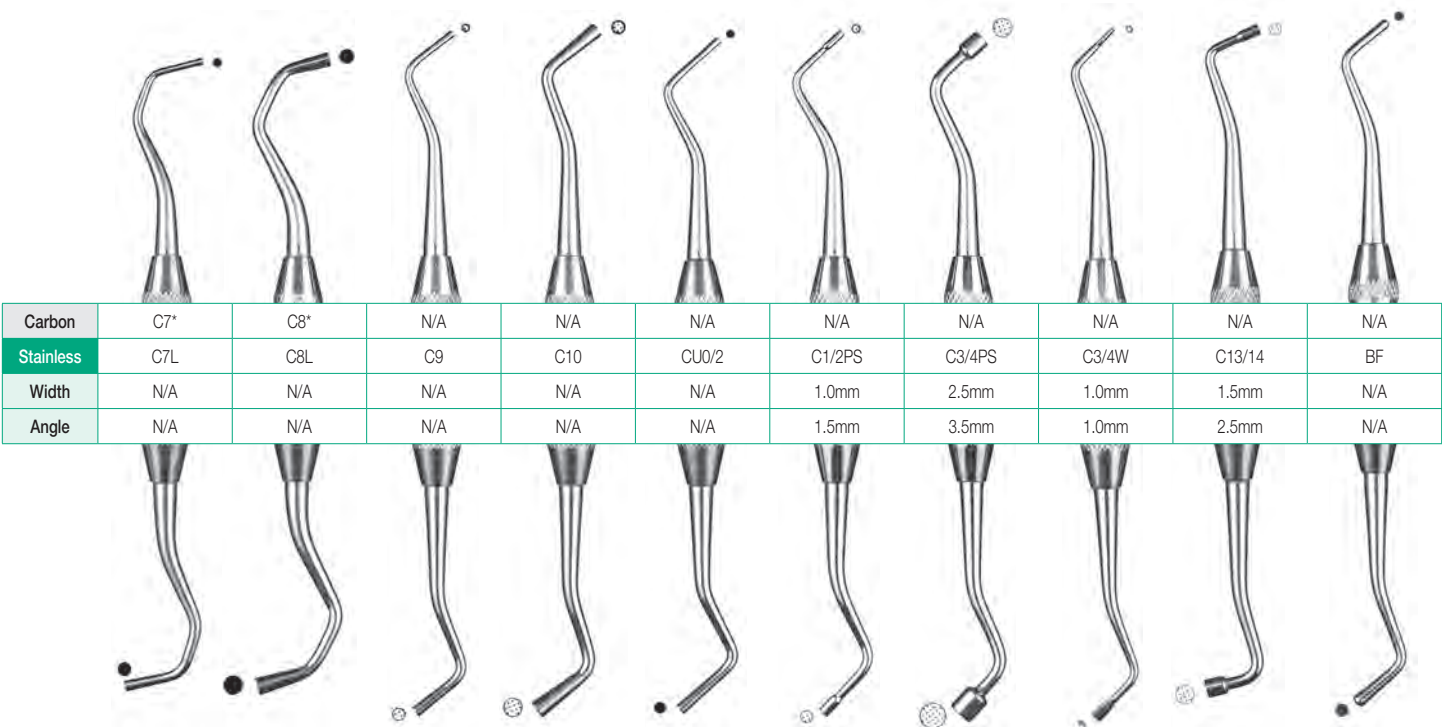
P.K. THOMAS

U.O.

U.O.P.

WOODBURY

HARPER



Carbon	C7*	C8*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Stainless	C7L	C8L	C9	C10	CUO/2	C1/2PS	C3/4PS	C3/4W	C13/14	BF
Width	N/A	N/A	N/A	N/A	N/A	1.0mm	2.5mm	1.0mm	1.5mm	N/A
Angle	N/A	N/A	N/A	N/A	N/A	1.5mm	3.5mm	1.0mm	2.5mm	N/A

*Serrated
NOTE: A gold titanium nitride coating may be placed on any of the above instruments to create a hard non-stick surface for use with composites.
Please use the standard stock number for the instrument followed by a "T" (e.g., #CUO/2T).

Measurement Call-Outs
Width: Width of blade in millimeters
Angle: Degree of angle for blade's cutting edge in relationship to handle

BOLEY GAUGE



IBG

CROWN GAUGE



IC4733*

CROWN SPREADERS



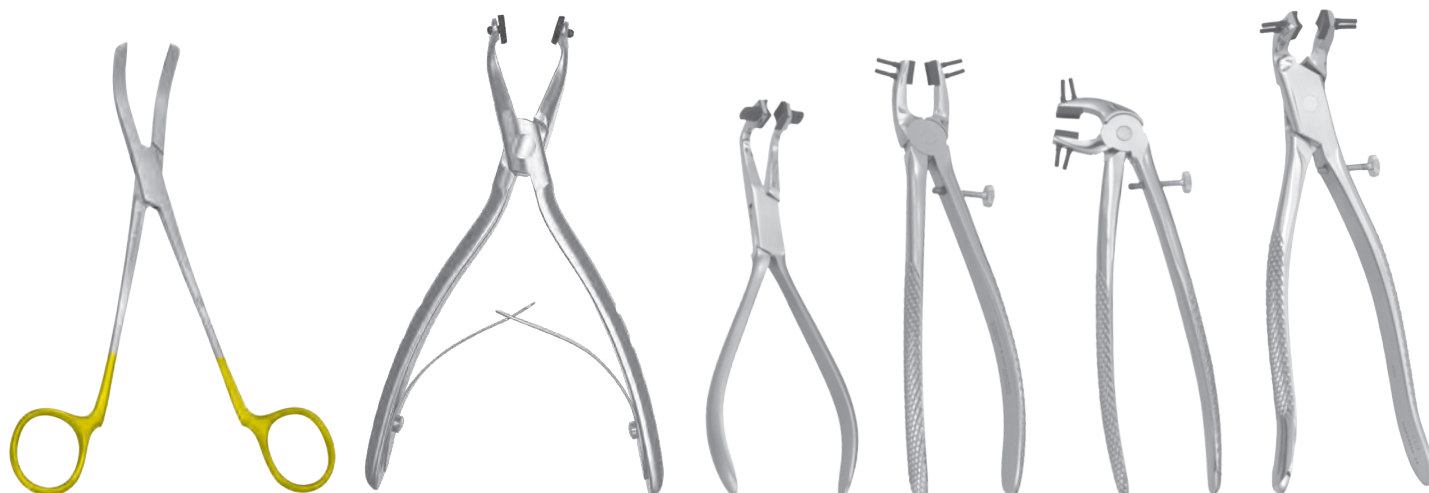
ICRC1

ICRC2

ICRC3

ICS

CROWN REMOVERS



ICR**

ICRST***

ICRS***

ICR17***

ICR22***

ICR217***

*IWANSON – For wax: #IC4733W

**With carbide inserts.

***With silicone grips.

ICRP replacement silicone grips for ICR17, ICR22, and ICR217.

ICRPS replacement silicone grips for ICRS.

ICRSIS replacement silicone grips for ICRST.



ORTHODONTIC INSTRUMENTS

Instruments in this section:

Pliers	32-35
Wire Cutters and Twisters	34
Ligature Director Wires	35
Arch Bars	35
Band Pushers	35

PLIERS



Part Number	IWBP104	IWBP107	IWBP110	IWBP114	IWBP115
Plier Type	Flat Nose	Round Nose	Howe – Serrated Tips	Johnson	Reynolds
Tip Size	14cm	13.5cm	15cm	13.5cm	12.5cm
Instrument Size	5 1/2in	5 1/4in	6in	5 1/4in	5in
Use	Wire bending	Wire bending, shaping crowns and bands	Ligating, placing, and removing pins, adjusting, general use	Contouring crowns and fitting bands	Contouring crowns and bands, cervical crown and band conforming



Part Number	IWBP118	IWBP120	IWBP121	IWBP134	IWBP136
Plier Type	Peeso	Robinson – Flat Hammer Beak/ Rounded Anvil Beak	Langenbeck – Serrated	McKellops	Goslee – Smooth Hammer Beak/ Serrated Anvil Beak
Tip Size	12.5cm	12.5cm	15cm	16cm	14cm
Instrument Size	5in	5in	6in	6 1/4in	5 1/2in
Use	Shaping and fitting of collars and cap crowns	Band shaping, bending of labial and lingual arches	General operator and laboratory use	Clasp bending	General contouring

PLIERS



Part Number	IWBP137	IWBP139	IWBP156	IWBP200	IWBP201
Plier Type	Gordon - Narrow Beak	Angle - Cone & Pyramidal Beak	Fischer - Flat Nose/Serrated Beaks	Aderer	Aderer
Tip Size	13.5cm	12cm	12.5cm	13cm	12cm
Instrument Size	5 1/4in	4 3/4in	5in	5in	4 3/4in
Use	General contouring	Sharp angle and smooth curve wire bending	Ligating, adjusting appliances and springs, general use	Three-prong wire and clasp bending	Three-prong wire and clasp bending



Part Number	IWBP255	IWBP347	IWBP347T	IWBP861	IWF63
Plier Type	Baade	Oliver	Nylon Tip	Weingart	Jarbak
Tip Size	14.5cm	14cm	14cm	14.5cm	14cm
Instrument Size	5 3/4in	5 1/2in	5 1/2in	5 3/4in	5 1/2in
Use	Band and shell removing	Band removing	Band removing	Utility	Precise bending of light wires

PLIERS



Part N umber	IWF74	IWF79	IWF01TC	IWCTC
Plier Type	Tweed	Grooved	#139 with Carbide Inserts	Wire Cutter with Carbide Inserts
Tip Size	14cm	12.5cm	12cm	15cm
Instrument Size	5 1/2in	5in	4 3/4in	6in
Use	Three barrel loop forming	Arch forming	N/A	Cutting wire

WIRE CUTTERS

WIRE TWISTER



Part Number	IWCF91TC	IWCF95TC	IWCFDS2	IWT*
Plier Type	Wire Cutter with Carbide Inserts	Wire Cutter with Carbide Inserts	Distal End Cutter with Carbide Inserts	Wire Twister with Carbide Inserts
Tip Size	13cm	13cm	13cm	15cm
Instrument Size	5in	5in	5in	6in
Use	Cutting wire	Cutting wire	Cutting wire	Twisting wire

PLIERS



Part Number	IWF46	IWF48
Tip Size	13.5cm	12.5cm
Instrument Size	5 1/4in	5in

ZIELINSKY
DIVIDING
COMPASS



IWBP4769

BAND PUSHER



IWBP

LIGATURE
DIRECTOR



LD

BAND HOLDER



IWBH

SEPERATER
HOLDER



IWSH

CRIMPING
PLIERS



IWBPC

ERICH ARCH BAR

1m Coil



IAB



- Utilizes your existing digital or analog camera
- Kit contents are designed specifically for dental use
- Easy to set up, use and disinfect
- Perfect for building your photo library for current and potential clients



**Everything you need
to take stunning
patient photography
in one box.**

Buy one for every patient room!



Part Number	040750500				
Kit Contents	<i>A Guide to Accreditation Photography</i> published by the AACD	1 Pair Clear Self-retractors	1 Pair Wire Retractors	1 Pair Clear Universal Retractors	1 Pair Clear One-sided Retractors
	1 Occlusal Mirror	1 Buccal Mirror	1 Autoclaveable Contrastor	1 Bottle Anti-Fog Treatment	1 Backdrop

ENDODONTIC INSTRUMENTS

Instruments in this section:

Forceps	38
File Holders	38
Retractors	39
Spreadors and Condensers	40
Gutta Percha Removal	41
Explorers	41
Cone Socket Tips	42
Upenn Endo	42
MTA Instruments	43
Rubber Dam Clamps	44-45
Rubber Dam Punches and Forceps	46

ROOT & SILVER POINT FORCEPS



Part Number	IRF45	IRF90	IFSP – Stainless Steel	IRFP
Forcep Type	Steiglitz	Steiglitz	Silver Point	Peet
Angle	45°	90°	45°	45°
Tip Size	13.5cm	13.5cm	13cm	12cm
Instrument Size	5 1/4in	5 1/4in	5in	3 3/4in
Huey* Edition	N/A	N/A	IFSPH – 45° – Without Grooves	N/A
Diamond Coated Edition	N/A	N/A	IFSPD – 45° IFSPH90 – 90°	IRFPD – 45° IRFPD90 – 90°
Also Available	N/A	N/A	IFSP90 – Stainless Steel – 90°	IRFP90 – Stainless Steel – 90°

ENDO FILE HOLDER

FINGER RULER

SILVER POINT FORCEPS

ENDODONTIC FORCEPS



IEMFH



IER



IFSP90**
Huey – IFSPH90
Without Grooves



IFES – Small
IFEL – Large



IFESA – Small
IFELA – Large



IFESU

*Huey forceps designed by Dr. M. Huey, Bremerton, WA. USA.
**Available Diamond-Coated

ENDODONTIC RETRACTORS



Part Number	RKP1	RKP2	RKP3	RKP4	IREC1	IREC2
Retractor Type	Retractor	Retractor	Retractor	Retractor	Carr Retractor	Carr Retractor
Tip Size	22cm	22cm	22cm	17cm	17.5cm	17cm
Instrument Size	8 1/2in	8 1/2in	8 1/2in	6 3/4in	7in	6 1/2in
M Part Number	RKP1M	RKP2M	RKP3M	N/A	N/A	N/A
Retractor Type	Modified Retractor	Modified Retractor	Modified Retractor	N/A	N/A	N/A
Tip Size	18cm	18cm	18cm	N/A	N/A	N/A
Instrument Size	7 1/4in	7 1/4in	7 1/4in	N/A	N/A	N/A

RUBENSTEIN RETRACTORS



IRR1 IRR2 IRR3 IRR4



IRH

KIM RETRACTOR TIPS



IRKP1T IRKP2T IRKP3T IRKP4T IRKP1MT IRKP2MT IRKP3MT

RUBENSTEIN TIPS



IRR1T IRR2T IRR3T


SPREADERS



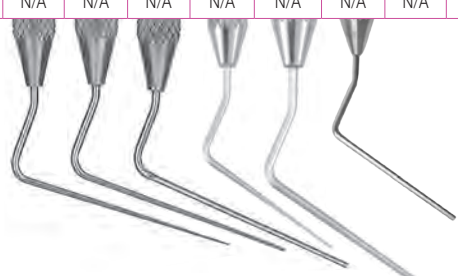
Part Number	ESGP1	ES1S	ES2S	ESD11	ESD11S	ESD11T	ESD11TS	ES3	ESGP2	ES0	ES00	ESMA57
Type	Endo	Wakai	Wakai	Standard	Thin	Thinner	Thinnest	Endo	Endo	Endo	Endo	Endo
Length	20mm	22mm	22mm	23mm	23mm	23mm	23mm	23mm	25mm	25mm	25mm	27mm
Tip Diameter*	.25mm	.30mm	.40mm	.40mm	.35mm	.30mm	.30mm	.20mm	.35mm	.55mm	.20mm	.25mm

NITI ENDO SPREADERS/CONDENSERS*

ENDO PLUGGERS

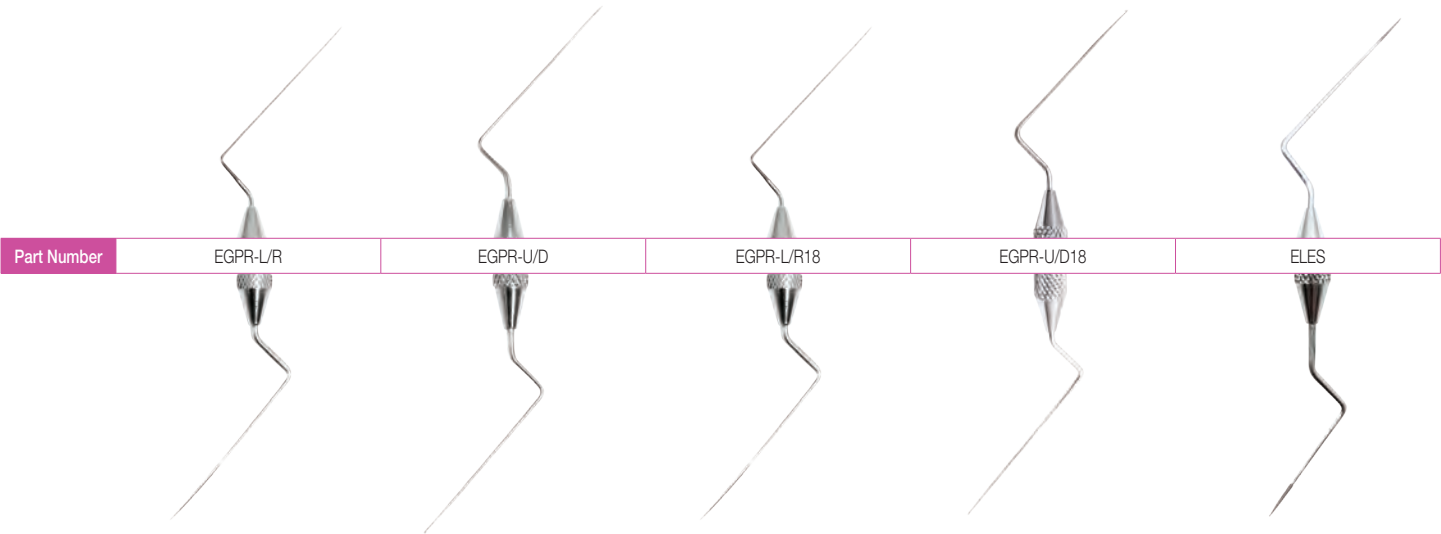


Standard	ESD11TN	ESD11N	ESGP3N	EP45N	EP60N	EP80N	EP2N*	EP4N*	EP7N*	EP1/3	EP5/7	EP9/11	EP8	EP8 1/2	EP9	EP9 1/2	EP10	EP10 1/2	EP11	
Length	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm	22mm
A-Handle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	EP8A	EP8 1/2A	EP9A	EP9 1/2A	EP10A	EP10 1/2A	EP11A	
Length	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	29mm	29mm	29mm	29mm	29mm	29mm	29mm	29mm
Tip Diameter*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	.40mm	.45mm	.55mm	.65mm	.75mm	.90mm	

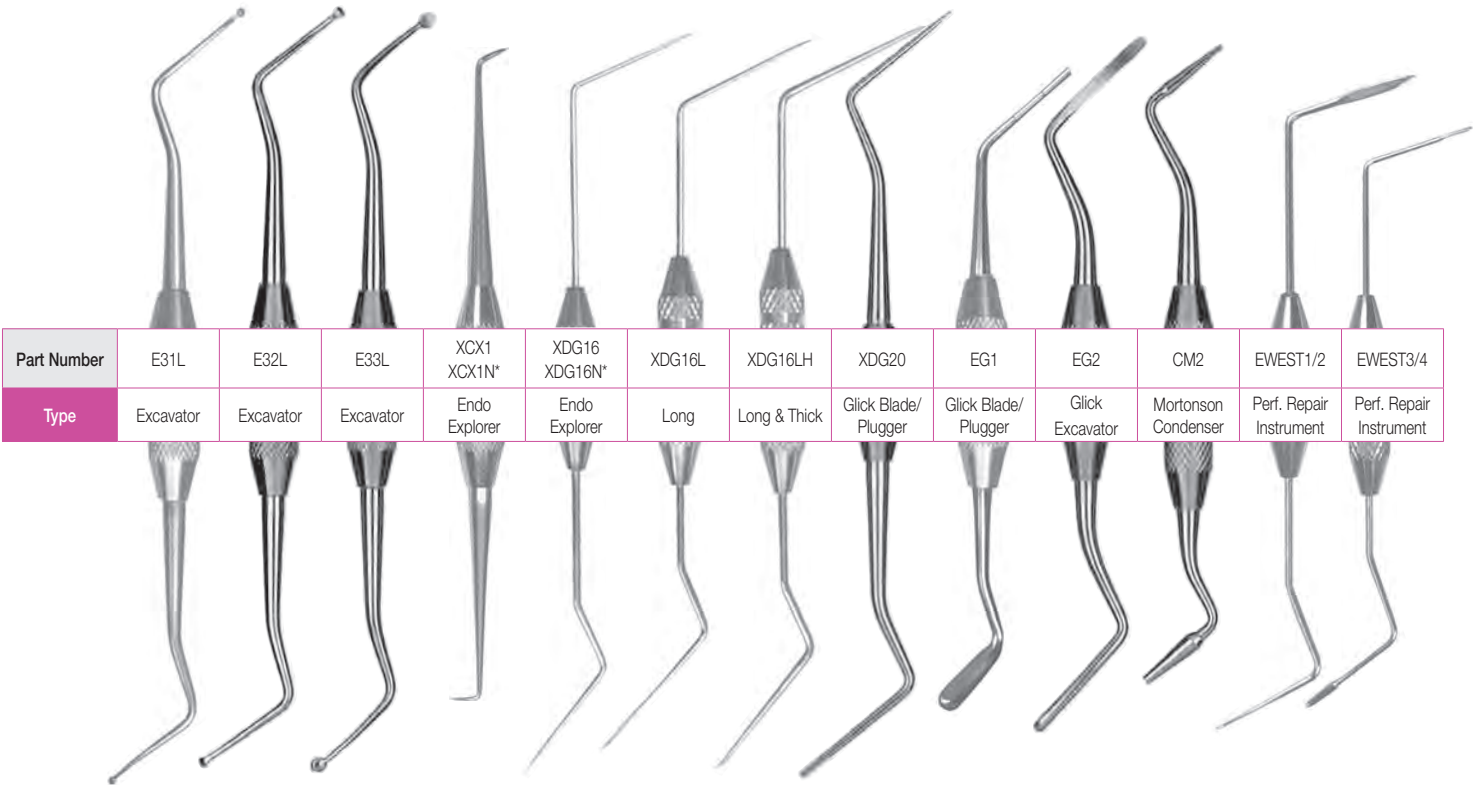


*Nickel Titanium

GUTTA PERCHA REMOVAL INSTRUMENTS

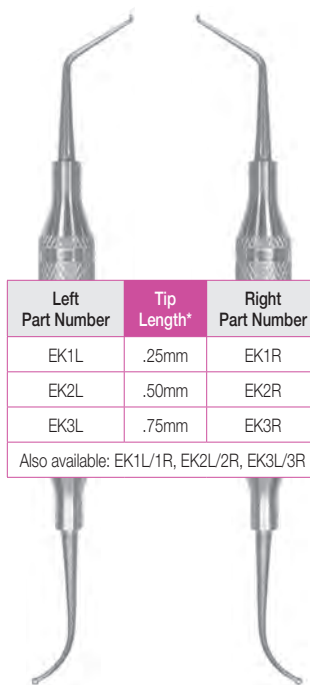


EXPLORERS



*Thin version available.

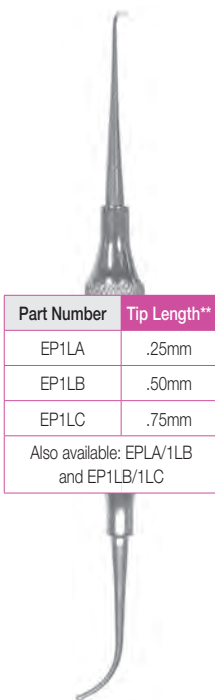
OFFSET CONDENSERS/ BURNISHERS



Left Part Number	Tip Length*	Right Part Number
EK1L	.25mm	EK1R
EK2L	.50mm	EK2R
EK3L	.75mm	EK3R

Also available: EK1L/1R, EK2L/2R, EK3L/3R

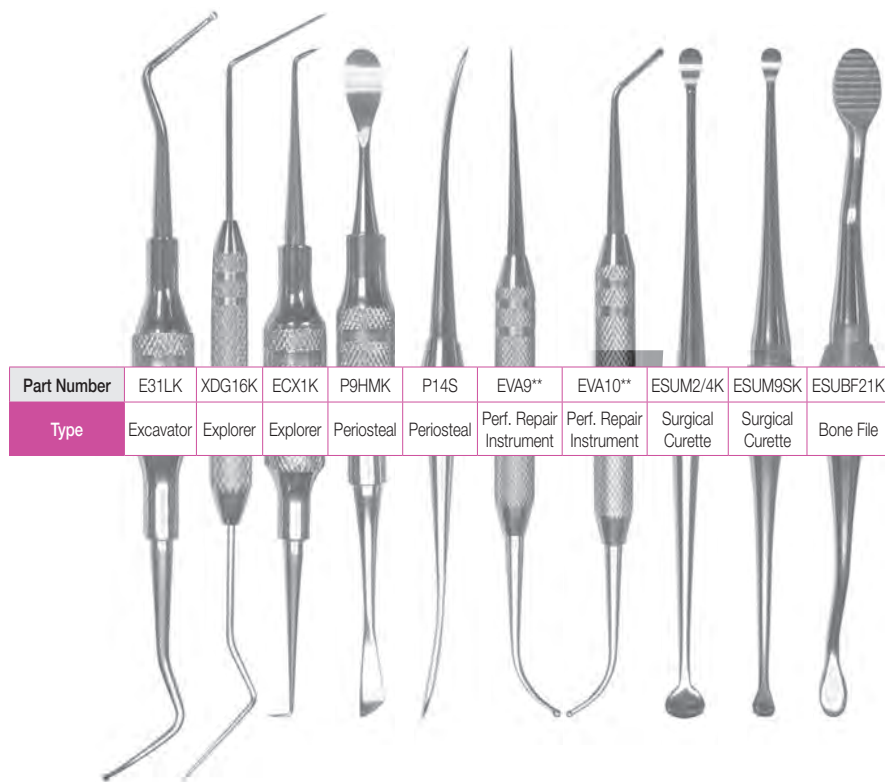
CONDENSER/ BURNISHER



Part Number	Tip Length**
EP1LA	.25mm
EP1LB	.50mm
EP1LC	.75mm

Also available: EPLA/1LB and EP1LB/1LC

UNIVERSITY OF PENNSYLVANIA ENDODONTIC MICROSURGERY INSTRUMENTS



Part Number	E31LK	XDG16K	ECX1K	P9HMK	P14S	EVA9**	EVA10**	ESUM2/4K	ESUM9SK	ESUBF21K
Type	Excavator	Explorer	Explorer	Periosteal	Periosteal	Perf. Repair Instrument	Perf. Repair Instrument	Surgical Curette	Surgical Curette	Bone File

OFFSET CONDENSERS



Left Part Number	Tip Length	Right Part Number
E1L	.25mm	E1R
E2L	.50mm	E2R
E3L	.75mm	E3R

STRAIGHT CONDENSERS



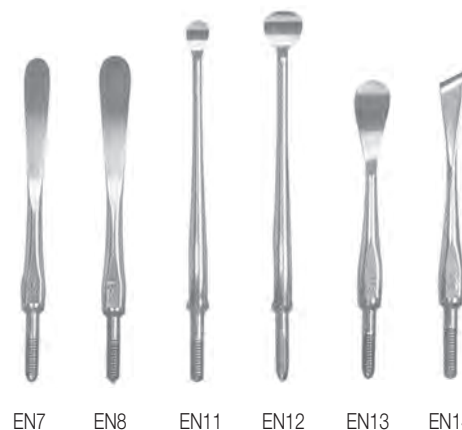
Part Number	Tip Length
EL1	.25mm
EL2	.50mm
EL3	.75mm

EXCAVATORS



Left Part Number	Size	Right Part Number
EN1	Small	EN2
EN3	Medium	EN4
EN5	Large	EN6

ENDODONTIC CURETTES

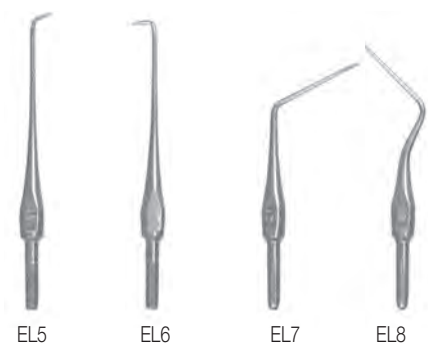


PERIOSTEALS/BURNISHERS



Part Number	E9	E10	EF	EB23K	E52**	E56*	EL16
Type	Perf. Repair Instrument	Perf. Repair Instrument	Probe	Burnisher 3mm	Ball Burnisher	Ball Burnisher	Canal Punch

EXPLORERS



*With .56" ball burnisher
** With .52" ball burnisher

M.T.A. BLOCK INSTRUMENTS



M.T.A. Pellet Forming Block (MTABLOCK) | Patent #6,203,319
Designed by Dr. Ed Lee, San Francisco, CA, U.S.A

Note: IMP – Mixing Pads
for the Lee M.T.A. Block
are available (50 pads)

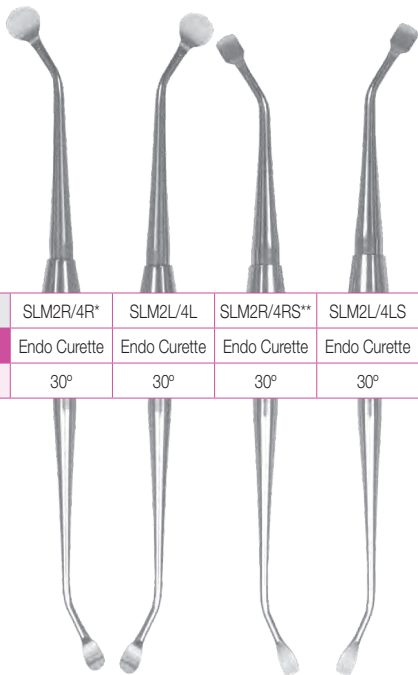


CLEE
For transporting (and carving) the M.T.A. pellet.



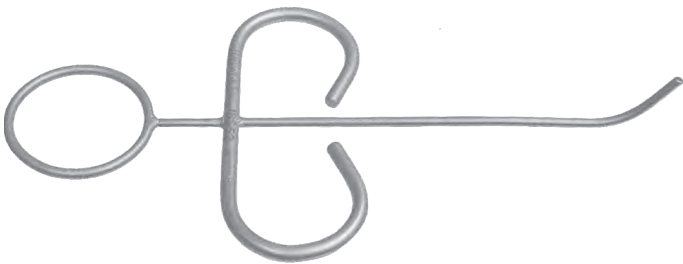
CA6 Cement Spatula

ENDODONTIC CURETTES



Part Number	SLM2R/4R*	SLM2L/4L	SLM2R/4RS**	SLM2L/4LS
Type	Endo Curette	Endo Curette	Endo Curette	Endo Curette
Angle	30°	30°	30°	30°

M.T.A. CARRIER



Part Number	ISS52	ISS50	ISS54	ISS56
Size	1.8mm	1.8mm	1.2mm	1.2mm
Angle Type	Curved Up	Curved to Side	Straight	Curved to Side

DOVGAN M.T.A. CARRIERS

Designed by Dr. Joe Dovgan, Paradise Valley, AZ, U.S.A.



DOVGAN PLUGGERS



Part Number	Length
EJD05	.5mm
EJD065	.65mm
EJD08	.8mm
EJD10	1.0mm
EJD12	1.2mm
EJD16	1.6mm
90° Angle End	Length
EJD05/065	.5mm/.65mm
EJD08/10	.8mm/1.0mm
EJD12/16	1.2mm/1.6mm

DISPOSABLE
PLASTIC CARRIERS
10-PACK

REUSABLE CARRIERS***

Part Number	Length
ISSMTAMB	.8mm
ISSMTA99Y	.99mm
ISSMTABP	1.6mm

Part Number	Length
ISSMTA80P	.8mm
ISSMTA990	.99mm
ISSMTA16G	1.6mm

REPLACEMENT NEEDLES

Part Number	Length
IDOVNB	.8mm
IDOVY	.99mm
IDOVNP	1.6mm

REPLACEMENT RINGS

Part Number	Length
IDOVNB	.8mm
IDOVRY	.99mm
IDOVRP	1.6mm

REPLACEMENT BODY

Part Number
IDOVMB (for all)

* Straight version available SUM2/4
** Straight version available SUM2/4S
*** All have replaceable parts

MOLAR RUBBER DAM CLAMPS



Part Number	IRDC15	IRDC15	IRDC24	IRDC25	IRDC26	IRDC28
Uses	Lower	Upper & Lower	Upper & Lower	Upper & Lower	Upper	Upper & Lower



Part Number	IRDC30	IRDC31	IRDC51	IRDC138	IRDC139	IRDC200
Uses	Beaked Molars	Beaked Molars	Beaked Molars	Third Molars	Third Molars	Lower



Part Number	IRDC201	IRDC202	IRDC203	IRDC204	IRDC205	IRDC3
Uses	Lower	Lower	Lower	Lower	Upper	Upper & Lower



Part Number	IRDCW3	IRDC4	IRDC5	IRDC56	IRDC56A	IRDC7
Uses	Upper & Lower	Upper & Lower	Upper	Upper	Upper	Lower



Part Number	IRDC7A	IRDC7B	IRDC8	IRDC8A	IRDCW8A	IRDC10
Uses	Lower	Lower	Upper	Lower Roots	Lower Roots	Lower Right



Part Number	IRDC11	IRDC12A	IRDC13A	IRDC14	IRDC14A	IRDC14AN
Uses	Lower Left	Third Molars	Third Molars	Half Erupted Molars	Half Erupted Molars	Half Erupted Molars

BICUSPID RUBBER DAM CLAMPS



Part Number	IRDC1A	IRDC22	IRDC27	IRDC29	IRDC206	IRDC207	IRDC208
Uses	Upper & Lower	Upper & Lower	Upper & Lower	Upper & Lower	Upper & Lower	Upper & Lower	Upper & Lower



Part Number	IRDC209	IRDC1	IRDC2	IRDCW2A	IRDC2A	IRDC0	IRDC00
Uses	Lower	Roots	Lower	Lower	Lower	Pedo	Pedo

ANTERIOR RUBBER DAM CLAMPS



Part Number	IRDC210	IRDC211	IRDC212	IRDC212SA	IRDC6	IRDC9	IRDC90N
Uses	Upper	Upper & Lower	Upper & Lower	Lower	Upper & Lower	Upper & Lower	Upper

DECIDUOUS RUBBER DAM CLAMPS



Part Number	IRDCP1	IRDCP2	IRDC54	IRDC55	IRDC64
Uses	First Molars	First Molars	Upper Right	Upper Right	Upper Left



Part Number	IRDC65	IRDC74	IRDC75	IRDC84	IRDC85
Uses	Upper Left	Lower Left	Lower Left	Lower Right	Lower Right

SPECIAL RUBBER DAM CLAMPS



Part Number	IRDC1T	IRDC1AT	IRDC2T	IRDC2AT	IRDC14T
Uses	Roots Tiger	Bicuspid Tiger	Lower Bicuspid Tiger	Lower Bicuspid Tiger	Half Erupted Molars Tiger



Part Number	IRDC56T	IRDC9T	IRDCG1	IRDCG2
Uses	Lower Molars Tiger	Anterior Tiger	Gauze Clamp	Gauze Clamp

RUBBER DAM PUNCHES



IRDP
Rubber Dam Punch



IRDPA
Ainsworth
Rubber Dam Punch

RUBBER DAM FORCEPS



IRDF*
Rubber Dam Forcep



IRDF4
Rubber Dam Forcep

RUBBER DAM FRAME



IDF
Rubber Dam Frame

*IRDFM – Same as IRDF but has long paddles for matrix bands

PERIODONTAL & SURGICAL INSTRUMENTS

Instruments in this section:

Perio Chisels	48
Periotomes	48
Periosteals	49-50
Perio Files	50
Perio Curettes	50
Perio Knives	50
Surgical Curettes	51
Root Tip Picks	51
Surgical Chisels	52
Bone Splitters	52
Osteotomes	52
Bone Files	53
Mallets	53
Calipers	53
Hemostats	54
Towel Clamps	54
Needleholders	55-56
Scissors	58-62
Retractors	63-65
Mouth Gags and Mouth Props	65
Tissue Pliers and Forceps	66-67
Elevators	69-71
Extraction Forceps	72-78
Rangeurs	79-80
Scalpel Handles and Blades	81-83
Sutures	84
Aspirators	85-86

PERIODONTAL CHISELS

FEDI
TG
KIRKLAND
OCHSENBEIN
RHODES
TIBBETTS

	SCF1	SCF2	SCF3	SCF4	SCTG ¹	S13K/TG ²	SC03	SC04	S36/37SS	SCT1	SCT2
Standard	SCF1	SCF2	SCF3	SCF4	SCTG ¹	S13K/TG ²	SC03	SC04	S36/37SS	SCT1	SCT2
A-Handle	SACF1	SACF2	SACF3	SACF4	SACTG	SA13K/TG	SAC03	SAC04	SA36/37SS	SACT1	SACT2

SC01 SC02

PERIOTOMES

Part Number	PT1/2	PT5/6 ³	PT11/12	KMIS1	KMIS3	KMIS5	IRS3
Type	Small Straight/Angled	Offset/ Angled	Angled./Short Straight	Zadeh	Zadeh	Zadeh	Small/Large Straight

P1S⁴ P2S⁵ P11S P12S P5S

P6S P8S P10S P7S P9S

1. SCTGO & SACTGO also available.
 2. S13K/KL & SA13K/KL also available.
 3. PT3/4 is wider.
 4. P3S is wider.
 5. P4S is wider.

STAINLESS STEEL PERIOSTEALS



*Cone socket for mirrors.

**Small P14 also available – P14S

Note: Miach periosteals (in elevator handles also available: IPM1 (small) IPM2 (large).

SHANELEC/M.T.I. MICROSURGICAL ELEVATORS

MICRO-ELEVATOR

MICRO
RETRACTOR

MICRO
ELEVATOR

ROOT
RESECTION

LIGAMENT
PERIOTOME

CHISELS & BACK HOES

Part Number	IPMS1	IPMS2	IPMS3	IPMS4	IPMR1	IPIME	IPGTR	IRS1	IRS2	IRS3	IMC1	ISH1	ISH2	ISH3S	ISC1	ISC2	ISC3
Type	Freer-Type	Chisel-Type	Angled Curved	Angled Flat	Prichard Type	Implants	G.T.R.	Straight	Curved	Ligament	Side Cutting	Hoe Small	Hoe Medium	Hoe Straight	Small/ Straight	Medium/ Straight	Large/ Straight

EUROPEAN-
STYLE
HANDFORM
HANDLE

FILES

CURETTES

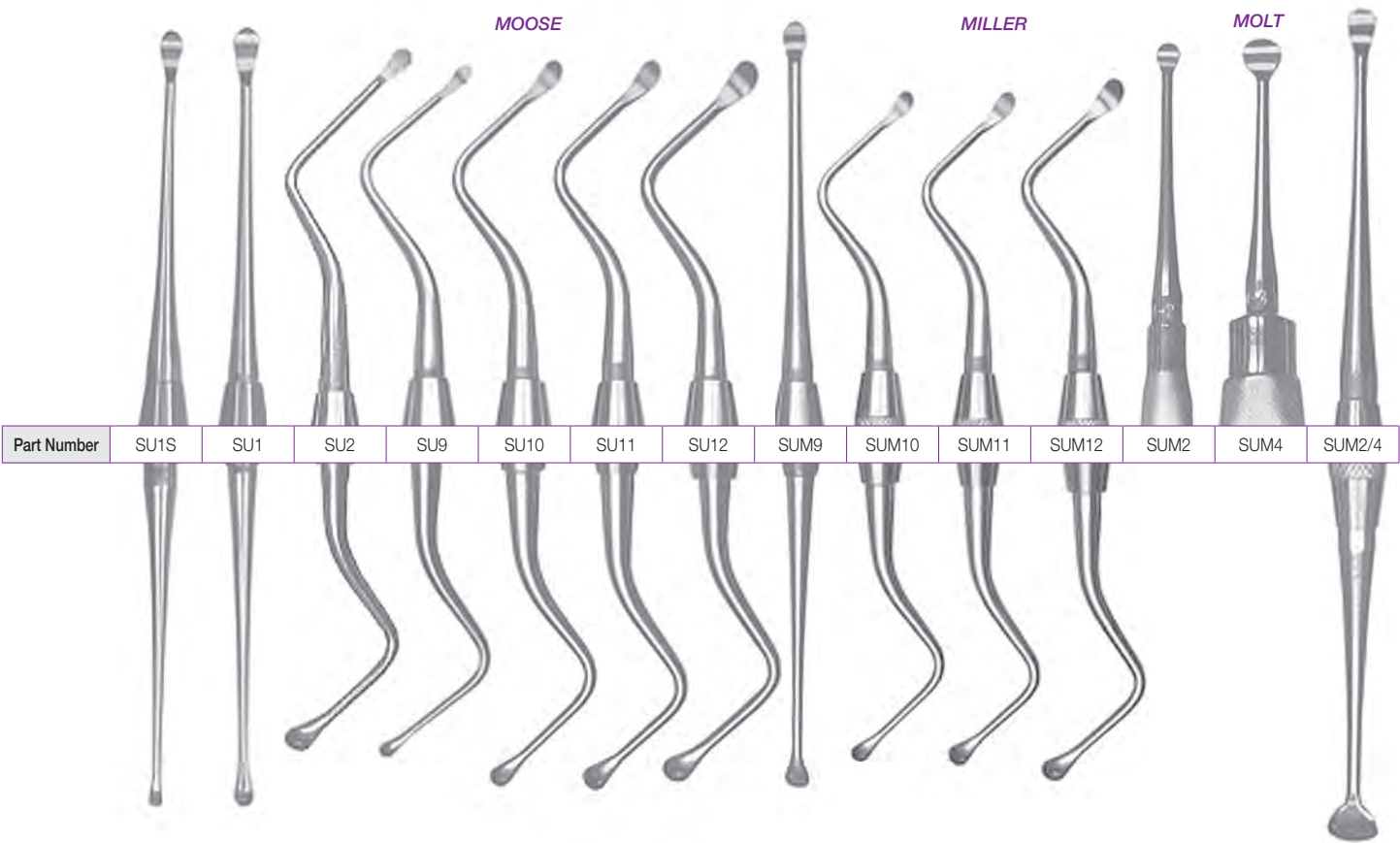
SICKLES

KNIVES

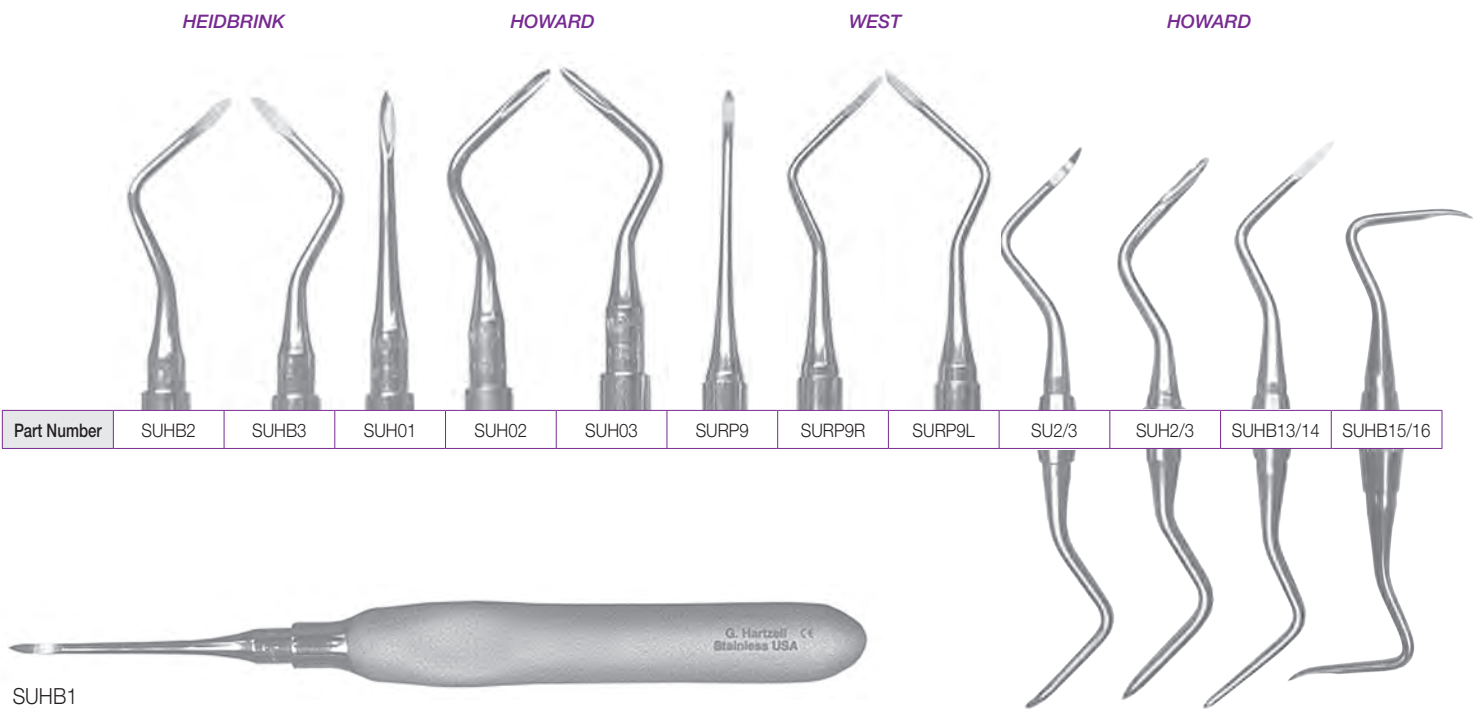
Standard	SF1S/2S	SF3S/4S	SF9F/10F	SF11F/12F	S5/6UCSS	S41/42SS	S8K/9KSS	SB2/3SS	SCK6SS	K1/2*	K1/2M	K5/6	KGF7	K15/16	KL1
A-Handle	SAF1S/2S	SAF3S/4S	SAF9F/10F	SAF11F/12F	SA5/6UCSS	SA41/42SS	SA8K/9KSS	SAB2/3SS	SACK6SS	KA1/2	KA1/2M	KA5/6	KAGF7	KA15/16	KAL1

*Long Version – KA1/2L | Thin “Allen” version KA1/2M
 Note: Items are Stainless Steel.

SURGICAL CURETTES

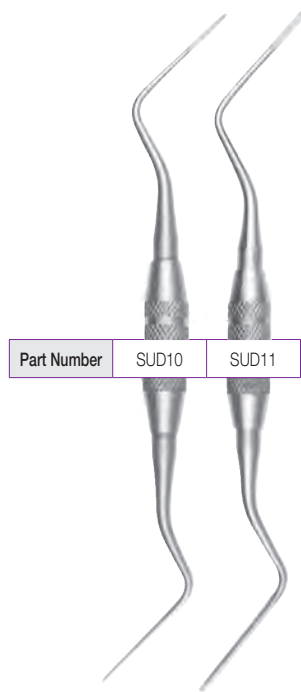


ROOT TIP PICKS



Note: All items are Stainless Steel

DAVIS ROOT TIP TEASERS

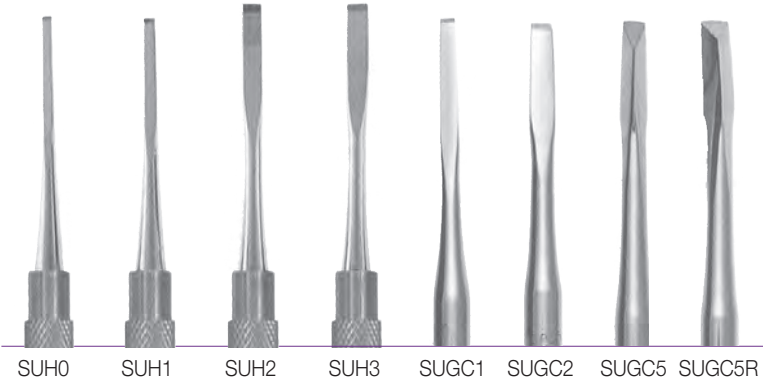


Part Number	SUD10	SUD11
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SURGICAL CHISELS

HEIN

GARDNER



BONE SPLITTERS

CHANDLER

MCFARLAND

WAKEFIELD
KRAMER-NEVINS



OSTEOTOMES



Part Number	IOST2 ²	IOST4 ³	IOST6	IOST6C	IOST8	IOST8C
Tip Size	2mm	4mm	6mm	6mm ⁴	8mm	8mm ⁴

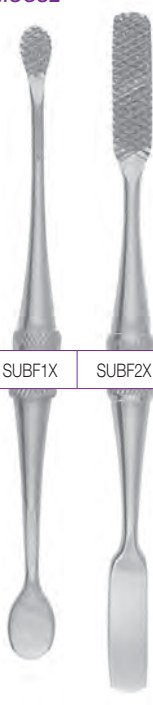
1. Bone Chisel 5.5mm
2. Also available curved – IOST2C
3. Also available curved – IOST4C
4. Curved

SURGICAL CURETTES



SUCC13 SUCC15

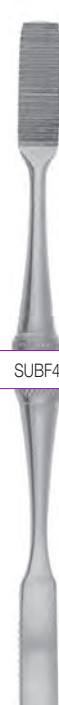
MOOSE



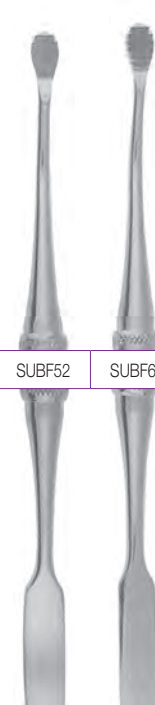
Part Number	SUBF1X	SUBF2X	SUBF3X	SUBF1W	SUBF2W	SUBF12	SUBF21	SUBF45	SUBF52	SUBF64
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MILLER



MOLT



MALLETS



CASTROVIEJO CALIPERS



STAINLESS STEEL RULER



Part Number	IM	IMDL	ICC375*	ICC7**	IRSS
Tip Size	N/A	N/A	9.5cm	18cm	15cm
Instrument Size	Standard	Small	3.75in	7in	6in

*Also available angled – ICC375A

**Also available angled – ICC7A

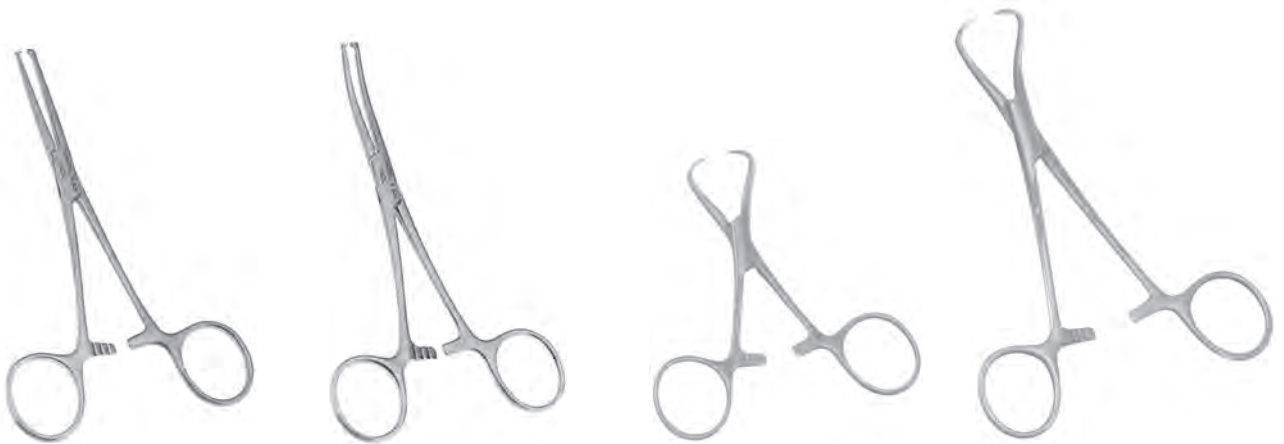
Note: Mallet illustrated half-size with delrin facings.

HEMOSTATS



Part Number	IHKS	IHKC	IHMS*	IHMC*	IHKRS	IHKRC
Type	Kelly Straight	Kelly Curved	Halsted-Mosquito – Straight	Halsted-Mosquito – Curved	Kelly-Rankin – Straight	Kelly-Rankin – Curved
Tip Size	14cm	14cm	12cm	12cm	16cm	16cm
Instrument Size	5 1/2in	5 1/2in	4 3/4in	4 3/4in	6 1/4in	6 1/4in

TOWEL CLAMPS



Part Number	IHKOS	IHKOC	ITCS	ITCL
Type	Kocher – Straight – 1X2 Teeth	Kocher – Curved – 1X2 Teeth	Backhaus	Backhaus
Tip Size	16cm	16cm	9cm	12.5cm
Instrument Size	6 1/4in	6 1/4in	3 1/4in	5in

WARNING:

Needle holders and Hemostats must be sterilized with the jaws in the open position or the instruments may be damaged.

*Available 1X2 Teeth

NEEDLE HOLDERS



Part Number	INB	INC	INNORD	INCO	INCW	IND
Type	Boynton	Castroviejo	Nordland	Collier	Crile-Wood	Derf
Tip Size	12cm	14cm	13cm	12.5cm	15cm	12.5cm
Instrument Size	4 3/4in	5 1/2in	5 1/4in	5in	6in	5in
Recommended Suture Size	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	3-0 4-0 5-0 6-0*	3-0 4-0 5-0 6-0*	3-0 4-0 5-0 6-0*



Part Number	INHB	INM	INMH	INOH**	INW
Type	Hegar-Baumgartner (Gardner 5)	Mathieu	Mayo-Hegar	Olsen-Hegar	Webster
Width 1	14cm	14cm	16cm	17cm	12cm
Instrument Size	5 1/2in	5 1/2in	6 3/4in	6 3/4in	4 3/4in
Recommended Suture Size	1-0 2-0 3-0 4-0*	1-0 2-0 3-0 4-0*	1-0 2-0 3-0 4-0*	3-0 4-0 5-0 6-0*	8-0 9-0 10-0*

WARNING:

Needle holders and Hemostats must be sterilized with the jaws in the open position or the instruments may be damaged.

*Recommended suture sizes.

**Combination Scissors-Needle Holder.

NEEDLE HOLDERS – TITANIUM OR STAINLESS STEEL WITH DIAMOND-PLATING OR CARBIDE INSERTS

Diamond-plated jaws or jaws with carbide inserts provide a firm grip which prevents needle rotation and slippage.

BELCHER



Part Number	INBELCH	INTM	ING1300C	ING1300S	ING1350S	INP401
Type	Stainless Steel with Diamond Plating on Jaws Curved – Round Handle	Titanium with Diamond-Plating on Jaws Straight – Round Handle	Titanium with Diamond-Plating on Jaws Curved – Round Handle	Titanium with Diamond-Plating on Jaws Straight – Round Handle	Titanium with Diamond-Plating on Jaws Straight – Round Handle	Titanium with Diamond-Plating on Jaws Curved – Round Handle
Tip Size	18.5cm	18cm	19cm	19cm	16.5cm	20cm
Instrument Size	7 1/4in	7in	7 1/2in	7 1/2in	6 1/2in	8in
Recommended Suture Size	5-0 through 10-0*	5-0 through 10-0*	5-0 through 10-0*	5-0 through 10-0*	5-0 through 10-0*	5-0 through 10-0*



Part Number	INCCS	INCCSW	INCCST	INCCSR	INCCSRL	INCSHMS	INCSHMA
Type	Castrovejio – Straight	Castrovejio – Straight Heavy Jaw	Castrovejio – Straight Heavy Jaw – Round Handle Also Available: European-Style Handle INCCST2	Castrovejio – Straight Round Handle	Castrovejio – Straight Round Handle Also Available: Curved – INCCSRLC Straight – INCCSRT	Castrovejio – Straight Round Handle	Castrovejio – Angled Round Handle
Tip Size	14cm	14cm	14cm	14cm	18cm	18cm	18cm
Instrument Size	5 1/2in	5 1/2in	5 1/2in	5 1/2in	7in	7in	7in
Recommended Suture Size	5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*

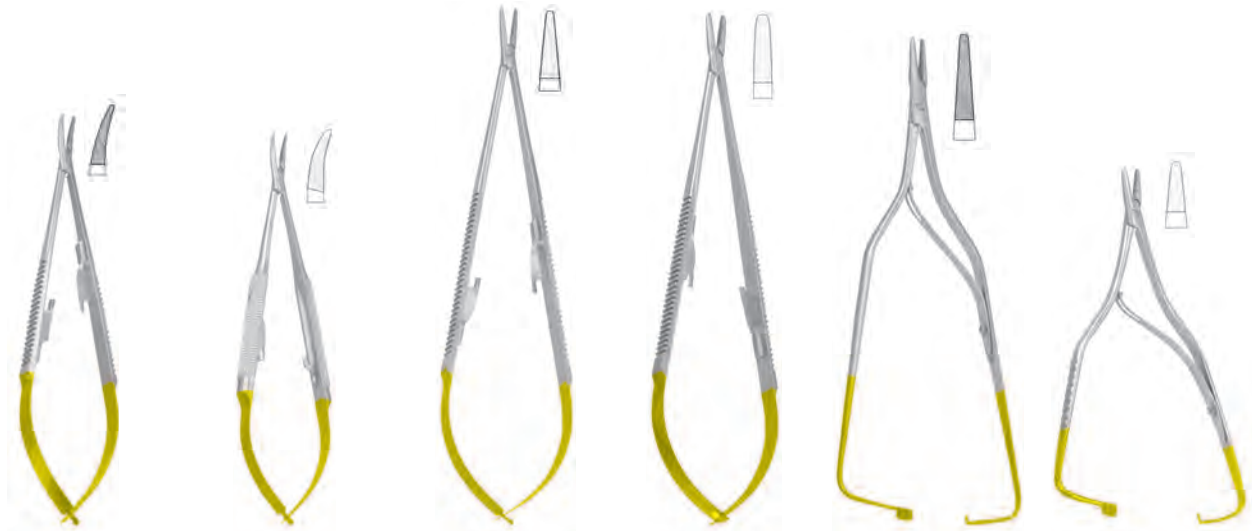
WARNING:

Needle holders and Hemostats must be sterilized with the jaws in the open position or the instruments may be damaged.

*Recommended suture sizes.

NEEDLE HOLDERS – WITH CARBIDE INSERTS

Tungsten carbide inserts provide a firm needle grip which prevents needle rotation and suture slippage.



Part Number	INCCC	INCCSRC	INCCL	INCCLT	INCA	INCB
Type	Castroviejo – Curved	Castroviejo – Curved Round Handle	Castroviejo – Straight	Castroviejo – Straight Heavy Jaw	Arruga	Boynton
Tip Size	14cm	14cm	18cm	18cm	16cm	12cm
Instrument Size	5 1/2in	5 1/2in	7in	7in	6 1/4in	4 3/4in
Recommended Suture Size	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*



Part Number	INCK	INCCW	INCCWL	INCCWC	INCD	INCH	INCM
Type	Kalt	Crile-Wood	Crile-Wood Left-Handed	Crile-Wood Curved Also Available: Straight – INCCW7	Derf	Halsey	Mathieu Also Available: 7 Inch – INCM7
Tip Size	14cm	15cm	15cm	15cm	12.5cm	13cm	14cm
Instrument Size	5 1/2in	6in	6in	6in	5in	5in	5 1/2in
Recommended Suture Size	5-0 6-0 7-0 8-0*	3-0 4-0 5-0 6-0*	3-0 4-0 5-0 6-0*	3-0 4-0 5-0 6-0*	3-0 4-0 5-0 6-0*	5-0 6-0 7-0 8-0*	N/A

WARNING:

Needle holders and Hemostats must be sterilized with the jaws in the open position or the instruments may be damaged.

*Recommended suture sizes.

NEEDLE HOLDERS – TITANIUM OR STAINLESS STEEL WITH DIAMOND-PLATING OR CARBIDE INSERTS

Tungsten carbide inserts provide a firm needle grip which prevents needle rotation and suture slippage.



Part Number	INCHMH	INCMHL	INCMV	INCOH**	INCR
Type	Mayo-Hegar	Mayo-Hegar	Micro Vascular	Olsen-Hegar Also Available: 11cm/4 1/2in – INCOHS	Mini Ryder
Tip Size	16cm	18cm	18cm	14cm	15cm
Instrument Size	6 1/4in	7in	7in	5 1/2in	6in
Recommended Suture Size	1-0 2-0 3-0 4-0*	1-0 2-0 3-0 4-0*	6-0 7-0 8-0*	5-0 6-0 7-0*	8-0 9-0 10-0*

STAINLESS STEEL MICRO-SURGICAL SCISSORS



Part Number	ISSHMC	ISV	ISC	ISCRS**	ISCR	ISD**
Type	Microsurgical Scissor	Micro-Surgical Scissor	Castrovejjo Also Available: Black Ceramic Castrovejjo ISCC	Micro-Surgical Round Handle	Castrovejjo – Straight Also Available: Round Handle – ISCRD Blunt Tips – ISCR7	Dean Also Available: Black Ceramic Dean – ISDC*
Tip Size	8cm	8cm	10cm	13cm	15cm	16.5cm
Instrument Size	3 1/4 in	3 1/4 in	4in	5in	6in	6 1/2in
Recommended Suture Size	5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*	4-0 5-0 6-0 7-0 8-0*	5-0 6-0 7-0 8-0*

WARNING:

Needle holders and Hemostats must be sterilized with the jaws in the open position or the instruments may be damaged.

*Recommended suture sizes.

**One blade serrated.

STAINLESS STEEL SCISSORS



Part Number	ISGFC*	ISGFCS	ISIS	ISIC	ISJS*	ISJC*
Type	Goldman-Fox Curved	Special Goldman-Fox Curved	Iris Straight	Iris Curved	Joseph Straight	Joseph Straight
Tip Size	12.5cm	11.5cm	11.5cm	11.5cm	14cm	14cm
Instrument Size	5in	4 1/2in	4 1/2in	4 1/2in	5 1/2in	5 1/2in
Other Versions Also Available	Also Available: ISGFCC* – Black Ceramic Goldman-Fox Curved 12.5cm/5in	N/A	N/A	Also Available: ISICL – Left Handed Iris Curved 11.5cm/4 1/2 in Also Available: ISICM – Micro Iris Curved 9cm/3 1/2 in Also Available: ISICC – Black Ceramic Iris Curved 9cm/3 1/2 in	N/A	N/A



Part Number	ISKS*	ISKC*	ISGFDC*	ISL*	ISLA*	ISLAO*
Type	Kelly – Straight	Kelly – Curved	Goldman-Fox – Double Curved	LaGrange – Double Curved	Locklin	Locklin – Open-Shank
Tip Size	16cm	16cm	13.5cm	13.5cm	16cm	16cm
Instrument Size	6 1/4in	6 1/4in	5 1/4in	5 1/4in	6 1/4in	6 1/4in
Other Versions Also Available	N/A	Also Available: ISKCC* – Black Ceramic Kelly – Curved 16cm/6 1/4in	N/A	Also Available: ISLC* – Black Ceramic LaGrange – Curved 11.5cm/4 1/2in	N/A	Also Available: ISLAC* – Black Ceramic Locklin – Open-Shank 16cm/6 1/4in

*One blade is serrated.

SCISSORS



Part Number	ISSUL*	ISLS	ISSS	ISSA	ISSL	ISWS*	ISWC*
Type	Sullivan	Suture	Suture	Suture	Suture	Wagner – Straight	Wagner – Curved
Tip Size	14cm	15cm	13cm	N/A	14.5cm	11.5cm	11.5cm
Instrument Size	5 1/2in	6in	5in	N/A	4 1/2in	5 3/4in	4 1/2in
Other Versions Also Available	N/A	N/A	ISSM – 11cm/4 1/4in ISSX – 9cm/3 1/2in	N/A	N/A	N/A	N/A



Part Number	ISWCV*	ISMB	ISOBSS	ISOSC	ISOSS	IST
Type	Wagner - Angled	Metzenbaum – Baby	Straight – Blunt/Sharp	Curved – Sharp/Sharp	Straight – Sharp/Sharp	Curved – Tray Scissor
Tip Size	11.5cm	10cm	14cm	14cm	14cm	11cm
Instrument Size	4 1/2in	4in	5 1/2in	5 1/2in	5 1/2in	4 1/4in

*One blade is serrated.

SCISSORS WITH CARBIDE INSERTS

Tungsten carbide inserts provide smooth controlled cutting and unsurpassed blade longevity.

SCISSORS WITH CARBIDE INSERTS



Part Number	ISSCG	ISCCG	ISCG	ISCD*	ISCGFS*	ISCGFC*
Type	Crown & Gold – Straight	Crown & Gold – Curved	Crown & Gold – Curved	Dean	Goldman-Fox – Straight	Goldman-Fox – Curved
Tip Size	12cm	12cm	10cm	16.5cm	13cm	13cm
Instrument Size	4 3/4in	4 3/4in	3 3/4in	6 1/2in	5in	5in
Other Versions Also Available	N/A	ISCCF – Strongly Curved	N/A	N/A	N/A	N/A



Part Number	ISCIS	ISCIC	ISCKS	ISCKC	ISCL*	ISCLG*
Type	Iris – Straight	Iris – Curved	Kelly – Straight	Kelly – Curved	Locklin	LaGrange – Double Curved
Tip Size	11.5cm	11.5cm	16cm	16cm	16cm	11.5cm
Instrument Size	4 1/2in 4 1/2in	4 1/2in	6 1/4in	6 1/4in	6 1/4in	4 1/2in

*One blade is serrated.

SCISSORS WITH CARBIDE INSERTS

Tungsten carbide inserts provide smooth controlled cutting and unsurpassed blade longevity.



Part Number	ISCMS	ISCMC	ISCMDS	ISCMCD	ISCS*	ISCW*
Type	Metzenbaum Straight Sharp	Metzenbaum Curved Sharp	Metzenbaum Delicate Straight	Metzenbaum Delicate Curved	Smith Wire Scissors	Wire Scissors
Tip Size	14cm	14cm	18cm	18cm	15.5cm	12cm
Instrument Size	5 1/2in	5 1/2in	7in	7in	6in	4 3/4in

SUPER-CUT SCISSORS

Scissors available in the Super-Cut Design have the cutting blade honed to a "razor" sharpness with the opposing blade finished with a fine serration to prevent tissue slippage. The unique design of these scissors allows for extremely smooth cutting of fine and coarse tissue with reduced trauma. These scissors have a single gold-colored handle ring for easy identification.



Part Number	ISGFCSC*	ISISSC	ISICSC	ISLSC*
Type	Goldman-Fox – Curved	Iris – Straight	Iris – Curved	LaGrange – Double-Curved
Tip Size	12.5cm	11.5cm	11.5cm	11.5cm
Instrument Size	5in	4 1/2in	4 1/2in	4 1/2in
Other Versions Also Available	N/A	N/A	N/A	ISLLSC* – Long LaGrange – 16cm/6 1/4in

*One blade is serrated.

RETRACTORS



Part Number	ICRM	ICRM/I	IRM	ICRM/M	ICRA	ICRAS
Type	Minnesota	Modified Minn. Implant Retractor	Cawood-Minnesota	Minnesota	Plastic – Adult – Pair	Spandex – Adult – Pair
Other Versions Also Available	N/A	N/A	N/A	N/A	ICRC – Plastic – Child – Pair	ICRCS – Spandex – Child – Pair



Part Number	ICR3	ICR4	ICR6	ICR7	ICR8	ICR9
Type	Clear Retractor	Clear Retractor	Clear Retractor	Clear Retractor	Clear Retractor	Clear Retractor

*One blade is serrated.

RETRACTORS



Part Number	IRAN	IRBH	IRBIS	ICRB
Type	Army-Navy	Bowdler-Henry's	Bishop	Bishop Wire

HENAHAN



Part Number	IRA1	IRK	IRA2	IRCAT	IRCS	IRFELD	RH1/2	IRVA
Type	#1 Austin	Kays	#2 Austin	Catania	Columbia - Small	Feldman	Small/Medium	Vestibular Adjustable
Other Versions Also Available	N/A	N/A	N/A	N/A	IRC - Medium IRCL - Large IRCLX - X-Large	N/A	RH1/3 - Small/Large RH2/3 - Medium/Large	N/A

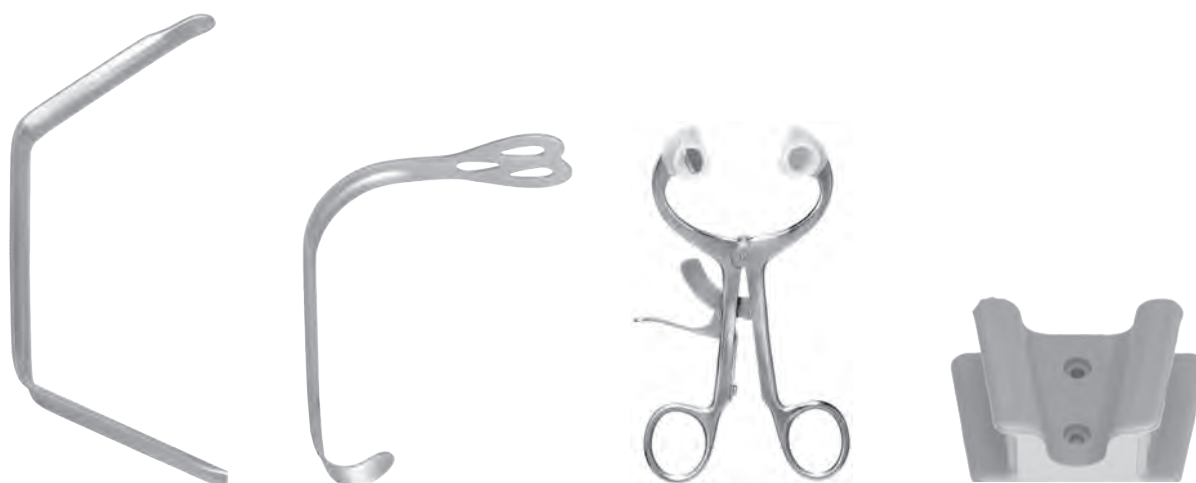
RETRACTORS



Part Number	IRMA	IRV	IROMS	IROS
Type	Maty	Vestibular	Bayonet	Orringer – Small
Other Versions Also Available	N/A	IRVP – Vestibular with Lip Protection Shield	N/A	IRO – Medium IROL – Large

MOUTH GAGS

MOUTH PROPS



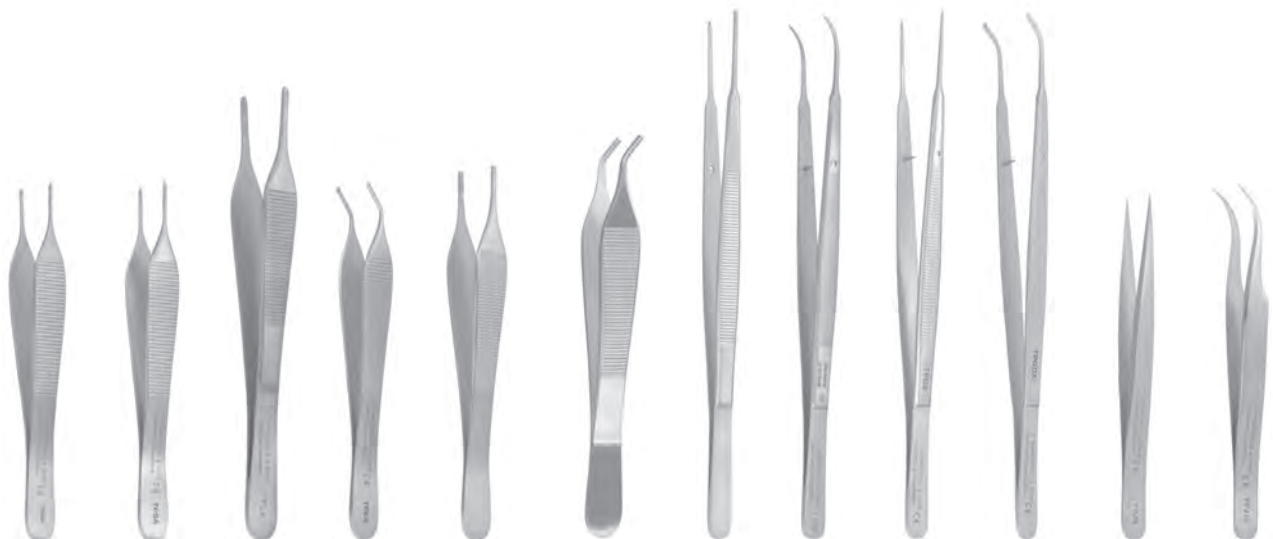
Part Number	IRR	IRWS	IMGA*	IMPSC
Type	Ronnau	Weider – Small	Molt – Adult	Mouth Prop – Small Child
Other Versions Also Available	N/A	IRWM – Medium IRW – Large	IMGC – Child	IMPC – Child IMPA – Adult IMPLA – Large Adult (Pair)

*Also available: Rubber Mouth Gag Tip Replacements – IMGT
Note: Misch Ramus Retractors also available – IRRMR and IRRML
 Pikos Ramus Retractors also available – IRRP

RETRACTORS



Part Number	ITFAS	ITFAB	ITFA45	ITFME	ITFCS	ITPBH8	ITPAO
Type	Allis – Straight – 5x6	Allis – Baby 4x5	Allis – 45° – 5x6	Magill	Desmarres-Chalazion Small	Bishop-Harmon	Adson 1x2 – Lightweight
Tip Size	15cm	12cm	15cm	15cm	11x17mm Inside Ring	8.6cm	12cm
Instrument Size	6in	5in	6in	6in	3 1/2in	3 3/8in	4 3/4in
Other Versions Also Available	N/A	N/A	N/A	ITFMEL – 20cm/8in	ITFCM – Medium 12x23mm Inside Ring ITFCL – Large 17x28mm Inside Ring	ITPBH8X – 1x2	ITPSAO – 12cm/4 3/4in



Part Number	ITPA	ITPSA	ITPLA	ITPAA	ITPAB	ITPAS	ITPG3	ITPGC	ITPGS	ITPGCX	ITPJS	ITPJC
Type	Adson	Adson	Adson	Adson Angled – 1x2	Adson-Brown 7x7	Adson-Brown Angled – 7x7	Gerald 1x2	Gerald Curved	Gerald Straight	Gerald Curved – 1x2	Jeweler's Straight	Jeweler's Curved
Width 1	12cm/4 3/4in	12cm/4 3/4in	15cm/6in	12cm/4 3/4in	12cm/4 3/4in	12cm/4 3/4in	18cm/7in	18cm/7in	18cm/7in	18cm/7in	11cm/4 1/2in	12cm/4 3/4in
Other Versions Also Available	N/A	ITPSAA – Angled	N/A	N/A	N/A	ITPASL – 15cm/6in	N/A	N/A	N/A	N/A	N/A	N/A

*One blade is serrated.

MICROSURGICAL



Part Number	ITPKN	ITPST	ITPSTC	ITPSTR	ITPR	ITPSH6S	ITPSH6C	ITPSH7S	ITPSH7C
Type	Kramer-Nevins Curved Microsurgical – 1x2	Semkin-Taylor Straight – 1x2	Semkin-Taylor Curved – 1x2	Semkin-Taylor Curved	Russian	Microsurgical Straight with Platform	Microsurgical Curved with Platform	Microsurgical Straight with Platform	Microsurgical Curved with Platform
Tip Size	12.5cm	12.5cm	12.5cm	12.5cm	15cm	15cm	15cm	18cm	18cm
Instrument Size	5in	5in	5in	5in	6in	6in	6in	7in	7in
Other Versions Also Available	N/A	N/A	N/A	ISLSTF Smooth	ITPR8 20cm/8in	ITPSH6SX 1x2	IITPSH6CX 1x2	ITPSH7SF* ITPSH7SX – 1X2	ITPSH7CF* ITPSH7CX – 1X2

MICROSURGICAL



Part Number	ITPBELCH	ITPCSA	ITPCA	ITPCAT	ITPCCA	ITPCCB	ITPCCS	ITPCPS	ITPD15
Type	Microsurgical Straight with Diamond-plated Jaws	Adson Carbide Inserts	Adson Carbide Inserts	Adson Carbide Inserts 1x2	Cushing Carbide Inserts Angled	Cushing Carbide Inserts Bayonet	Cushing Carbide Inserts Straight	Potts-Smith Carbide Inserts	DeBakey Straight
Tip Size	18.5cm	12cm	15cm	12cm	18cm	18cm	18cm	18cm	15cm
Instrument Size	7 1/4in	4 3/4in	6in	4 3/4in	7in	7in	7in	7in	6in
Other Versions Also Available	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ITPCDB Carbide Inserted

*Same as above but entire platform meets without increasing finger pressure

**Titanium with diamond plating on jaws

ELEVATORS



IE301
Apexo

Part Number	IE301S	IE301MX	IE301W	IE304W	IE34	IE34S	IE40	IE41	IE1
Type	Apexo	N/A	Seldin	Seldin	Seldin	Seldin	Heidbrink	Heidbrink	Heidbrink

Part Number	IE2	IE81	IE81E	IE51	IE52	IE301WS	IE46	IE77	IE302
Type	Heidbrink	N/A	N/A	Curtis	Curtis	N/A	N/A	N/A	Apexo

Part Number	IE46R	IE77R	IE303	IE303B	IECAMERON	IE190*	IE191**	IE4	IE5
Type	N/A	N/A	Apexo	N/A	Cameron	N/A	N/A	Schmeckbier Apexo	Schmeckbier Apexo

*Small version available – IE190S.

**Small version available – IE191S.

ELEVATORS



IE44
Cryer



Part Number	IE45	IE25	IE26	IE4L	IE4R	IEH5	IEH6	IE6	IE7
Type	Cryer	Cryer	Cryer	Seldin	Seldin	Hourigan Serrated	Hourigan Serrated	Potts	Potts



Part Number	IE71	IE72	IE73	IE74	IE4948	IE4394	IE4951	IE4949	IE4950
Type	Miller Apexo	Miller Apexo	Miller Apexo	Miller Apexo	Bernard Small Back Angled	Bernard Large Back Angled	Bernard Small -Straight	Bernard Small - Left	Bernard Small - Right

GOUGES



Part Number	IE304	IE2S	IEA	IEB	IE8	SUMC11	SUMC12	SUMC13
Type	N/A	Seldin	Cogswell	Cogswell	Crane Pick	MacMillan Gouge	MacMillan Gouge	MacMillan Gouge

Note: Very small Cryer elevators available: IE21 and IE22

ELEVATORS



Part Number	IGE301	IGE301S	IGEBEIN1	IGEBEIN2	IGEBEIN3	IGE60	IGEL2	IGEL3	IGEL4
Type	N/A	N/A	Bien	Bien	Bien	NA	Lindo-Levin	Lindo-Levin	Lindo-Levin
Width 1	NA	NA	NA	NA	NA	NA	2mm	3mm	4mm

WARWICK-JAMES ELEVATORS



Part Number	IGECL	IGECR	IGE4	IGE5	IGE302	IGE303	IGE304	IEWJ	IEWJL	IEWJR
Type	NA	NA	NA	NA	NA	NA	NA	Straight	Left	Right



IGE34
Elevator



IGE14X



IGE11L



IGEPL

LUXATING ELEVATORS

LARGE HANDLE – STRAIGHT



LARGE HANDLE – CURVED



SMALL HANDLE – STRAIGHT



SMALL HANDLE – CURVED



Part Number	IGLUX92	IGLUX93	IGLUX94	IGLUX95	IGLUX96	IGLUX97	IGLUX98	IGLUX99	IGLBEIN82	IGLBEIN83	IGLBEIN84	IGLBEIN85	IGLBEIN86	IGLBEIN87	IGLBEIN88	IGLBEIN89
Size	2mm	3mm	4mm	5mm	2mm	3mm	4mm	5mm	2mm	3mm	4mm	5mm	2mm	3mm	4mm	5mm



Luxating Elevator shown in Large Handle



Luxating Elevator shown in Small Handle

EXACTATOMES



Part Number	IEXS
Type	Bayonet Shape Straight
Other Versions Also Available	IEXSBC – Black Ceramic



Part Number	IEXSB	IEX25	IEX25B	IEX35	IEX35B	IEX45	IEX45B
Type	Bayonet Shape Curved Backward	Straight	Curved Backward	Straight	Curved Backward	Straight	Curved Backward
Size	NA	2.5mm	2.5mm	3.5mm	3.5mm	4.5mm	4.5mm
Other Versions Also Available	IEXSBC – Black Ceramic	IEX25C – Black Ceramic	IEX25BC – Black Ceramic	IEX35C – Black Ceramic	IEX35BC – Black Ceramic	IEX45C – Black Ceramic	IEX45BC – Black Ceramic

UPPER MOLAR EXTRACTING FORCEPS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF10S	IF18L	IF18R	IF24
Forcep Type	Upper Molars	1st and 2nd Upper Molars	1st and 2nd Upper Molars	1st and 2nd Upper Molars
Use	Universal	Left Pointed Beak for Engaging Bigurcated Buccal Root	Right Pointed Beak for Engaging Bigurcated Buccal Root	NA



Part Number	IF53L	IF53R	IF88L	IF88R
Forcep Type	1st and 2nd Upper Molars	1st and 2nd Upper Molars	1st and 2nd Upper Molars	1st and 2nd Upper Molars
Use	Left Pointed Beak for Engaging Bigurcated Buccal Root	Right Pointed Beak for Engaging Bigurcated Buccal Root	Left Split Beak for Engaging Lingual Root.	Right Split Beak for Engaging Lingual Root.

UPPER MOLARS

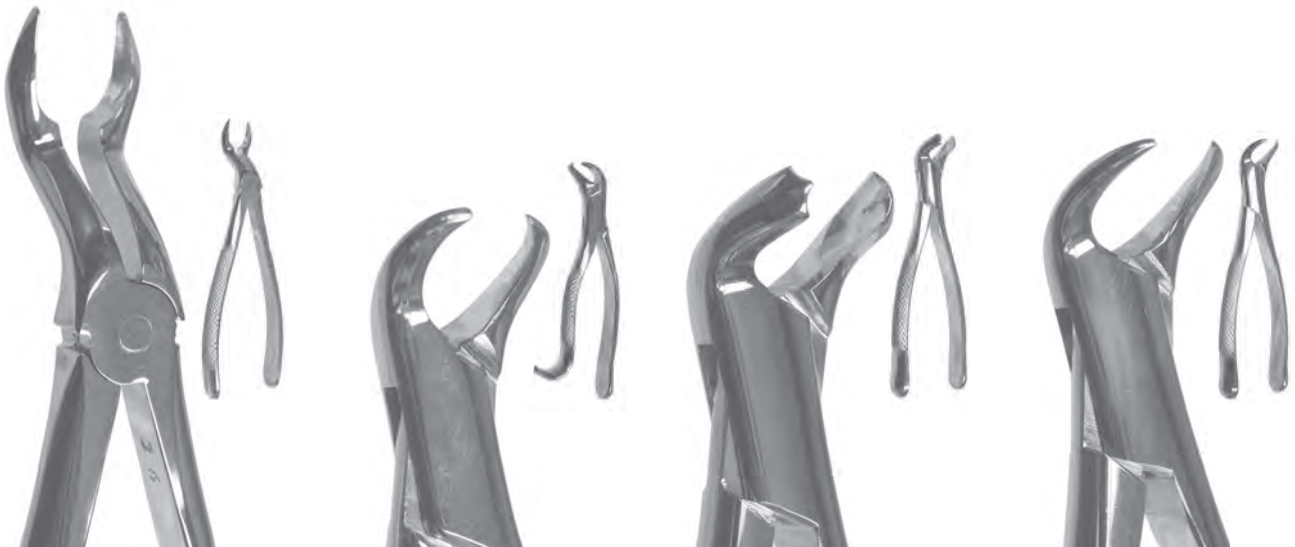
All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF89	IF90	IF210S	IF450	IFMD2
Forcep Type	Cook - Upper Molars	Cook - Upper Molars	3rd Upper Molars	Extraction	Mead Forceps-Serrated Upper 1st, 2nd, and 3rd Molars
Use	Upper Molars - Right	Upper Molars - Left	Universal	Deep-Gripping	Universal

UPPER MOLARS

LOWER MOLARS

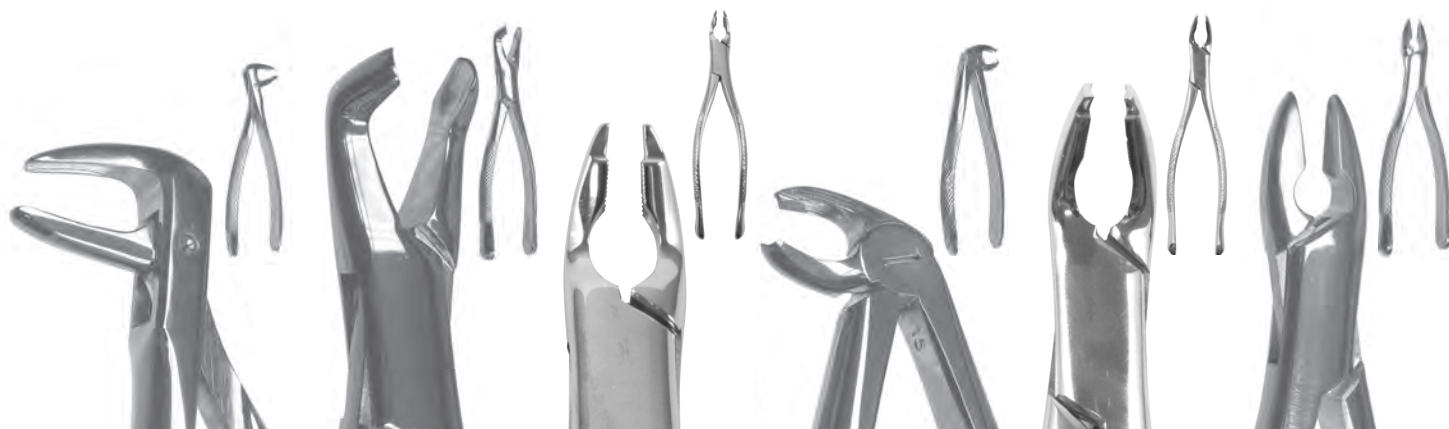


Part Number	IF67N	IF16S	IF17	IF23*
Forcep Type	Apical Forceps - Narrow Tapered Beaks	1st and 2nd Lower Molars	1st and 2nd Lower Molars	Cowhorn - 1st and 2nd Lower Molars
Use	Upper 3rd Molars	Universal	Universal	Universal

*Smaller size available - IF23S

LOWER MOLARS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF74*	IF222**	IF450	IFM51	IFMD4	IF1
Forcep Type	Serrated	3rd Lower Molars	Extraction	Extraction	Mead Forceps – Serrated Lower 1st, 2nd, 3rd Molars	Standard
Use	Lower Roots	Universal	Deep-Gripping	Deep-Gripping	Universal	Upper Incisors and Canines

UPPER ANTERIORS



Part Number	IF99C	IF134	IF135	IF150
Forcep Type	Kells	Deep Gripping	Deep Gripping	Cryer Universal
Use	Upper Incisors, Canines, and Premolars	Upper Incisors and Premolars	Upper Incisors and Bicuspids	Upper Incisors, Canines, Roots, and Premolars

*Also available: IF74N – Narrow Beaks | IF74XN – Narrower Beaks

**Also available: IF222N – Same as IF222, but apical style (narrow/tapered beaks)

UPPER ANTERIORS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF150N	IF150A	IF150AS	IFMD1
Forcep Type	Apical Forceps – Parallel Beaks – Narrow Tapered Beaks	Cryer Universal	Split Beaks – Serrated	Mead Forceps – Serrated
Use	Upper Incisors, Canines, and Premolars – Universal	Upper Incisors, Canines, and Premolars – Universal	Upper Incisors, Canines, and Premolars – Universal	Upper Incisors, Canines, Roots, and Premolars – Universal

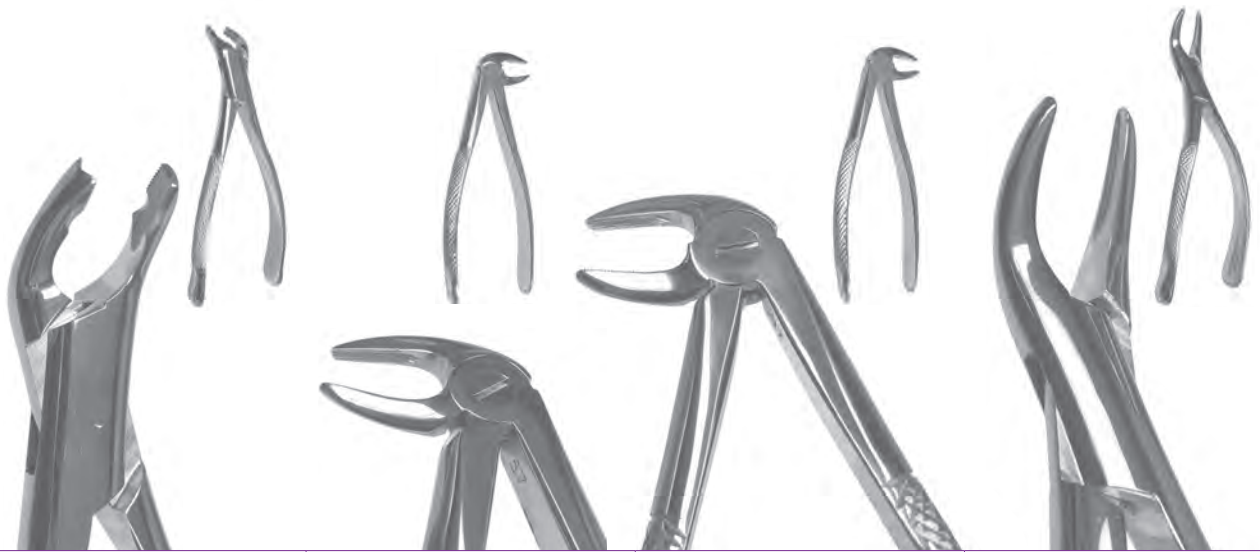
LOWER ANTERIORS



Part Number	IF136	IF151	IF151N	IF151A
Forcep Type	Deep-Gripping	Cryer – Universal	Apical Forceps – Parallel Beaks – Narrow Tapered Beaks	Cryer – Parallel Beaks
Use	Lower Anteriors and Roots	Lower Incisors, Canines, Roots, and Premolars – Universal	Lower Incisors, Canines, Roots, and Premolars – Universal	Lower Incisors, Canines, and Premolars – Universal

LOWER MOLARS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF151AS	IFMD3	IF33	IF69
Forcep Type	Split Beaks – Serrated	Mead Forceps – Serrated	Serrated	Upper and Lower
Use	Lower Incisors, Canines and Premolars – Universal	Lower Incisors and Roots – Universal	Lower Roots	Fragment and Roots

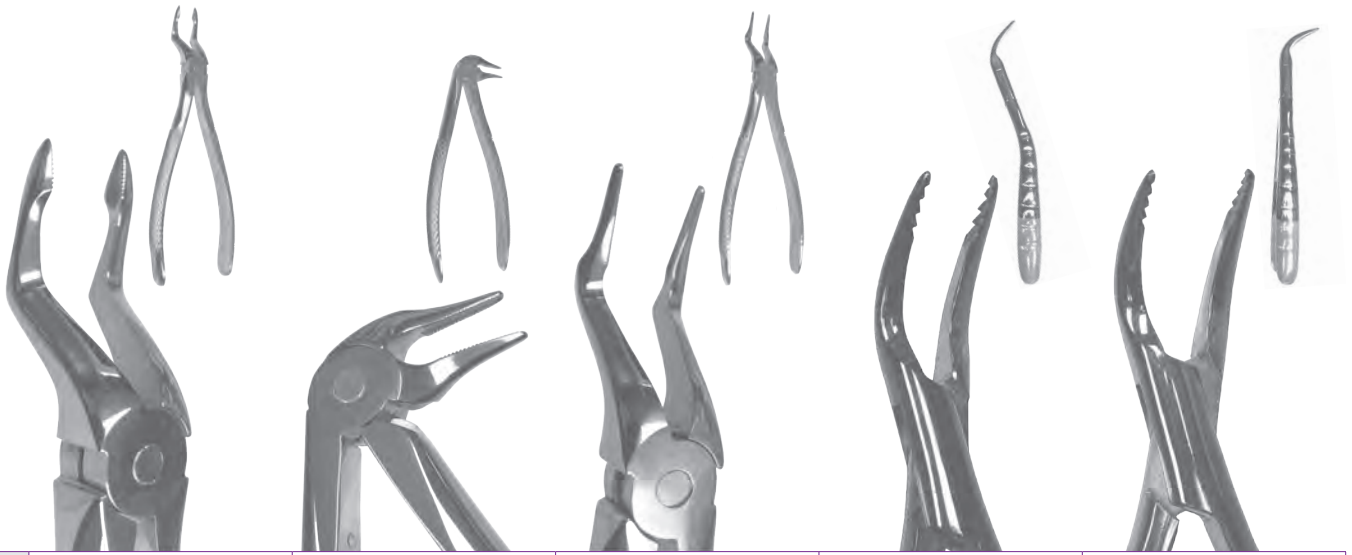
ROOT FORCEPS



Part Number	IF74	IF144S	IF145	IF246
Forcep Type	Serrated	Serrated	Serrated	Serrated
Use	Lower Roots	Upper Roots	Lower Roots	Lower Roots

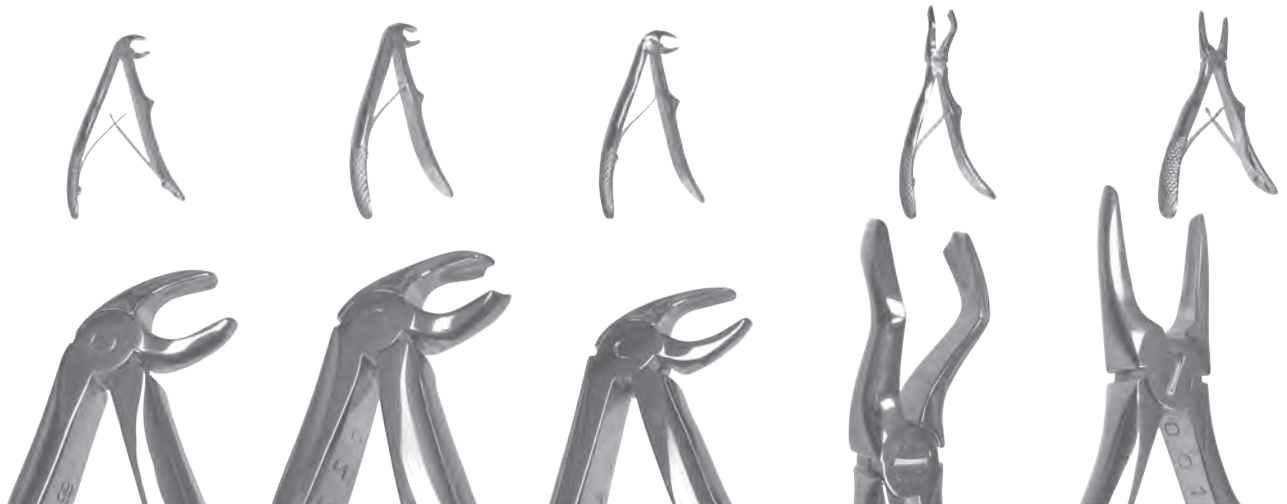
ROOT FORCEPS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IF251	IF333S	IF351S	IF2234	IF2235
Forcep Type	Serrated	Serrated	Serrated	Serrated – Carbide-Coated	Serrated – Carbide-Coated
Use	Upper Roots	Lower Roots	Upper Roots	Universal Root Extraction	Universal Root Extraction

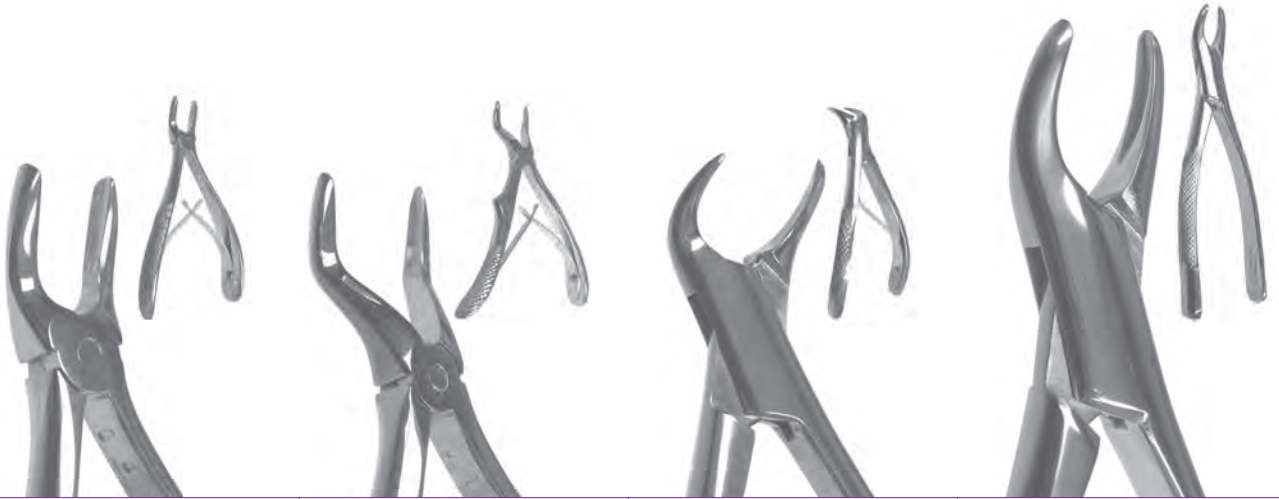
PEDODONTIC PATTERNS



Part Number	IFK1	IFK2	IFK3	IFK4	IFK5
Forcep Type	Serrated – Very Small Handle	Serrated – Very Small Handle	Serrated – Very Small Handle	Serrated – Very Small Handle	Serrated – Very Small Handle
Use	Lower Incisors	Lower Molars	Lower Roots	Upper Molars	Upper Incisors

PEDODONTIC PATTERNS

All extraction forceps may have a carbide or diamond coating applied for a slight additional charge.



Part Number	IFK6	IFK7	IFK23	IF101
Forcep Type	Serrated – Very Small Handle	Serrated – Very Small Handle	Pedodontic – Very Small Handle	Universal
Use	Upper Cuspids	Upper Roots	Lower Molars	Premolars



Part Number	IFK150	IFK151	IFK150S	IFK151S
Forcep Type	Universal – Very Small Handle	Universal – Very Small Handle	Universal	Universal
Use	Upper Universal	Lower Universal	Upper Primary Teeth and Roots	Lower Primary Teeth and Roots

RONGEURS


Part Number	IR1	IR18	IRB	IRB45*	IR4
Type	N/A	End and Side Cutting	Blumenthal – 30°	Blumenthal – 45°	Cleveland
Tip Size	16.5cm	16.5cm	14.5cm	14.5cm	14cm
Instrument Size	6 1/2in	6 1/2in	5 3/4in	5 3/4in	5 1/2in



Part Number	IR4A	IR5	IR5S	IRF	IRFM**
Type	Cleveland	Cleveland – Side-cutting	Cleveland – Side-cutting	Friedman	Mini-Friendman
Tip Size	17cm	17cm	15cm	14cm	14.5cm
Instrument Size	6 3/4in	6 3/4in	6in	5 1/2in	5 3/4in

*Also available: IRB90 – 90° Blumenthal

**Also available: IRFMM – 1mm beak

RONGEURS



Part Number	IRFM45	IRFM90	IRFMS	IRBD	IRKK
Type	Mini-Friedman – 45°	Mini-Friedman – 90°	Mini-Friedman – S-Shaped	Beyer – Double Action	Klienert-Kuts – Double Action
Tip Size	14.5cm	14.5cm	14.5cm	18cm	15cm
Instrument Size	5 3/4in	5 3/4in	5 3/4in	7in	6in

NIPPERS

KERRISON RONGEUR*



Part Number	INGSF	INGF	INS	IRKERR**
Type	Goldman-Fox Bone and Soft Tissue Nipper	Goldman-Fox Bone and Soft Tissue Nipper	Sugarman Nipro Bone and Soft Tissue Nipper/Rongeur	Kerrison Rongeur
Tip Size	10cm	14cm	16cm	4mm Bite
Instrument Size	4in	5 1/2in	6 1/4in	N/A

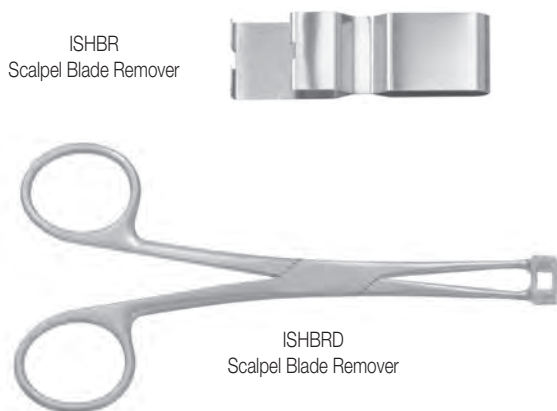
*For opening the Sinus Window
**Also available: IRC1 – Kerrison Rongeur – 1mm Bite

SCALPEL HANDLES



Part Number	ISH3	ISHD4D	ISH5*	ISH5A**	ISH5B**	ISH7†	ISHA7†	ISS1	ISHD7A	ISH10	ISH15	ISHP
Type	N/A	Detsch® Angled	Round	Round	Round	N/A	Adjustable 7-position scalpel handle	Shanelec	Detsch® Parallel Blade Scalpel Handle	Parallel Blade Scalpel Handle	Parallel Blade Scalpel Handle	Paquette Blade Handle
Tip Size	150mm	N/A	N/A	N/A	N/A	16.5cm	N/A	N/A	1.5mm/2.0mm	1.0mm	1.5mm	N/A
Instrument Size	6in	N/A	N/A	N/A	N/A	6 1/2in	N/A	N/A	N/A	N/A	N/A	N/A

SCALPEL BLADE REMOVERS



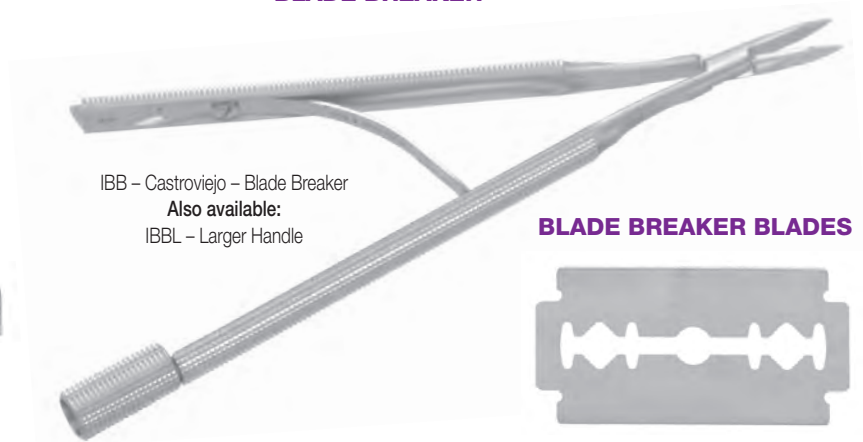
ISHBR
Scalpel Blade Remover

ISHBRD
Scalpel Blade Remover

IB940021
2.0mm Crescent Knife – 6/Box



BLADE BREAKER



IBB – Castroviejo – Blade Breaker
Also available:
IBBL – Larger Handle

BLADE BREAKER BLADES



Part Number	IBBB	IBBC	IBBLC
Type	Stainless Steel	Carbon Steel	10mm x 55mm Carbon Steel
Parts/Box	10/Box	10/Box	20/Box

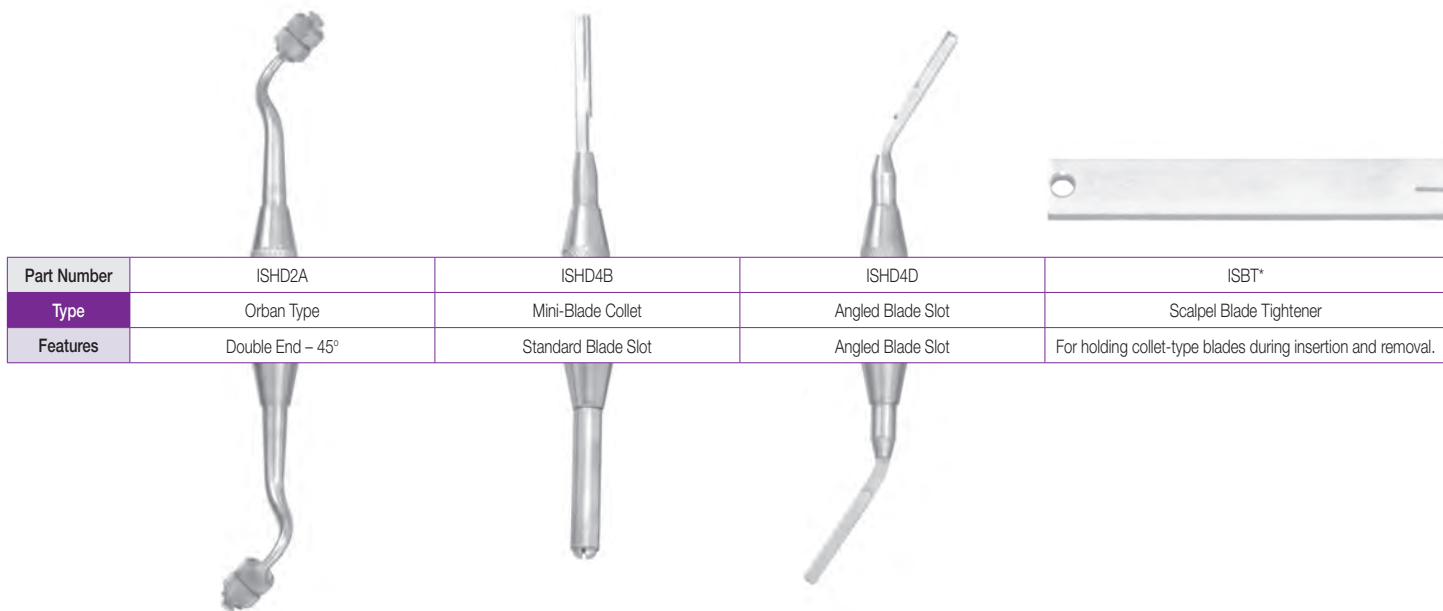
*Also available: ISH50 – European non-serrated style handle

**Angled Blade may be inserted on either side

† Also available: ISH7K – 13cm/5in

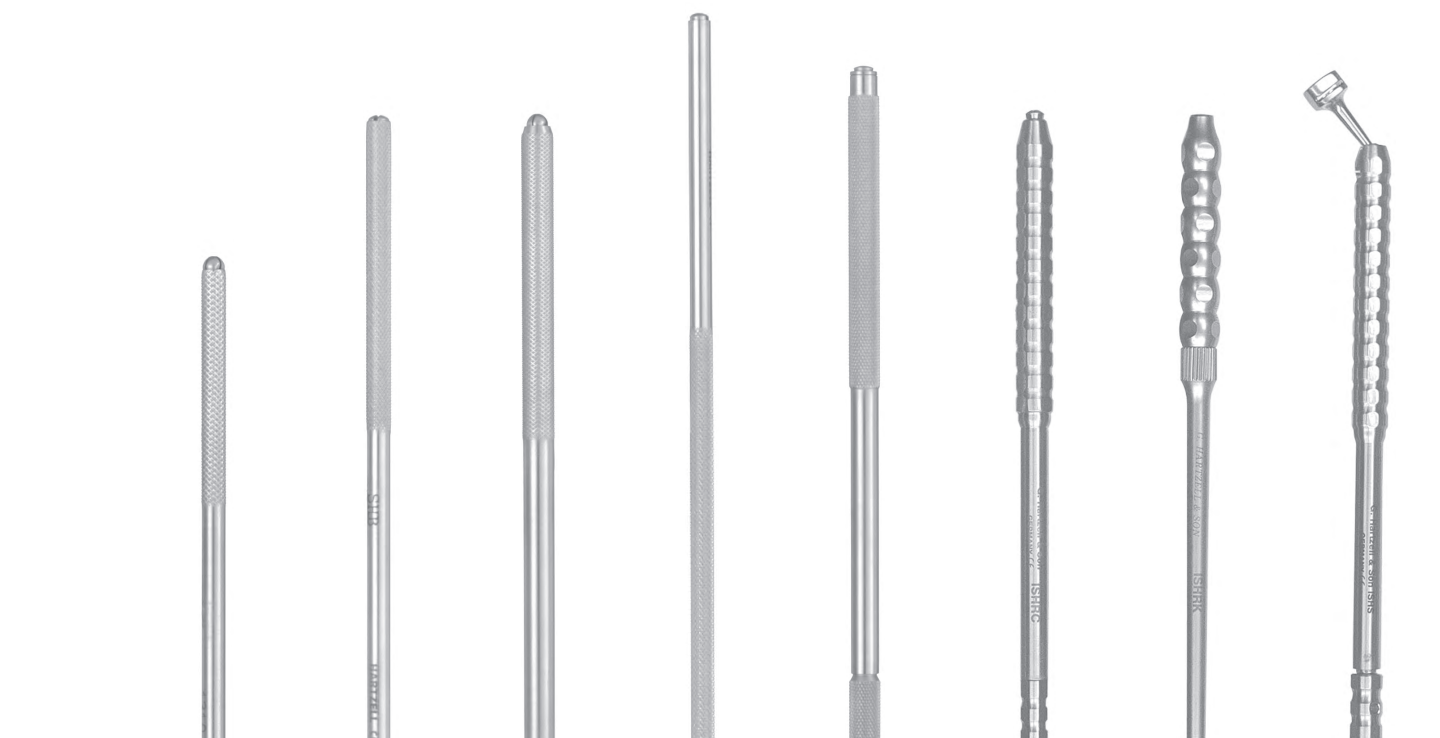
‡ Provided with 2 handle lengths

DETSCH® SCALPEL HANDLES



Part Number	ISHD2A	ISHD4B	ISHD4D	ISBT*
Type	Orban Type	Mini-Blade Collet	Angled Blade Slot	Scalpel Blade Tightener
Features	Double End – 45°	Standard Blade Slot	Angled Blade Slot	For holding collet-type blades during insertion and removal.

MINI-BLADE SCALPEL HANDLES – MICROSURGICAL BLADES – COLLET TYPE



Part Number	ISH1310	ISHB	ISH1360	ISHBL	ISHB46**†	ISHRC†	ISHRK†	ISHS‡
Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Mini-Blade Collet-Type	Standard Dental Blades and Most Mini-Blades
Tip Size	10cm	12.5cm	12.5cm	15cm	12.5cm	14cm	14cm	14cm
Instrument Size	4in	5in	5in	6in	5in	5 1/2in	5 1/2in	5 1/2in

*Not required for ISHB46, ISHB48, ISHRC, ISHRK and ISHS).

**Also available: ISHB48 – 15cm/6in

† Tightens and loosens at base of handle

‡ Tip swivels and rotates

STANDARD SCALPEL BLADES

MICROSURGICAL/COLLET TYPE SCALPEL BLADES

All microsurgical blades are bendable. The blades with a small hole at the base of the blade are the most bendable.



Part Number	IB12	IB12D	IB15	IB15C	IB4805	IBSM6200	IB6245	IBSM6300	IB6300	IB6310	IB6360	IBSM6400
Type	Standard	Standard	Standard	Standard	Tunnel II Angled Bevel Up	Small Chisel	Small Chisel Angled 45°	Pointed Tip Straight	Pointed Tip Straight	Spear Angled 10°	Pointed Spear Straight	Round Tip
#/Box	100/Box	100/Box	100/Box	100/Box	6/Box	25/Box	6/Box	25/Box	6/Box	6/Box	6/Box	25/Box



Part Number	IB6400	IBM6400	IB6460	IBSM6500	IBM6500	IB6600	IB6760	IB6761	IB6825	IBSM6900	IBN6900	IB6900
Type	Round Tip	Micro Sharp Radius Tip - Edge	Angled Sharp Side & Radius Tip	Lance - 15°	Micro Lance 15°	Lamellar Angled - 60°	Classic Bistouri Angled	Pointed Tip Sharp Radius	Disc Blade Angled 2.5mm b/u	Rounded Tip Sharpened All Around	Norland Round Tip Sharpened All Around	Rounded Tip Sharpened All Around
#/Box	12/Box	6/Box	6/Box	25/Box	6/Box	6/Box	6/Box	6/Box	6/Box	25/Box	6/Box	6/Box



Part Number	IB6910	IBM6910	IB6915	IB6925	IB6945	IB6960	IB6960L	IB6960R	IB6961	IB6962	IB6966	IB940011
Type	Sharp Full Radius Angled - 60°	Micro Sharp Full Radius Angled 10°	Sharp Full Radius Angled 10°	Round Tip Sharp Around Angle	Sharp Full Radius Angled 45°	Angled Sharp Full Radius	Sharp Full Radius Angled Left	Sharp Full Radius Angled Right	Rounded Tip Sharp All Around Straight	Rounded Tip Sharp All Around 25°	Rounded Tip Sharp All Around Angled - 55°	Straight Crescent Collet
#/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box	6/Box

DEMETECH MEDICAL SUTURE CROSS REFERENCE CHART

DemTECH Needles	Material	Color	Length	U.S.P. Size	Item Number
DC2 Reverse Cut 3/8 Circle	Nylon Monofilament	Black	10"	6/0	DT-911-1
	Nylon Monofilament	Black	10"	5/0	DT-913-1
	Nylon Monofilament	Black	10"	4/0	DT-931-1
DFS-1 Reverse Cut 3/8 Circle	Nylon Monofilament	Black	18"	3/0	DT-663-1
	Polyglycolic Acid	Colorless	30"	3/0	DT-442-4
	Silk	Black	18"	5/0	DT-684-1
DFS-2 Reverse Cut 3/8 Circle	Nylon Monofilament	Black	18"	5/0	DT-661-1
	Nylon Monofilament	Black	18"	4/0	DT-662-1
	Polypropylene	Blue	18"	5/0	DT-8661-1
	Polypropylene	Blue	18"	4/0	DT-8683-1
	Polyglycolic Acid	Colorless	30"	5/0	DT-421-1
	Polyglycolic Acid	Colorless	30"	4/0	DT-422-1
	Polyglycolic Acid	Colorless	30"	3/0	DT-423-1
	Silk	Black	18"	4/0	DT-683-1
	Chromic Catgut	Brown	27"	4/0	DT-635-1
	Chromic Catgut	Brown	27"	3/0	DT-636-1
	Plain Catgut	Beige	30"	3/0	DT-822-1
DP-1 Precision Point Reverse Cut 3/8 Circle	Nylon Monofilament	Black	18"	6/0	DT-697-1
	Polypropylene	Blue	18"	6/0	DT-8697-1
DP-3 Precision Point Reverse Cut 3/8 Circle	Nylon Monofilament	Black	18"	6/0	DT-1698-1
	Nylon Monofilament	Black	18"	5/0	DT-698-1
	Nylon Monofilament	Black	18"	4/0	DT-699-1
	Polypropylene	Blue	18"	6/0	DT-8695-1
	Polypropylene	Blue	18"	5/0	DT-8698-1
	Polypropylene	Blue	18"	4/0	DT-8699-1
	Polyglycolic Acid	Colorless	18"	6/0	DT-492-1
	Polyglycolic Acid	Colorless	18"	5/0	DT-493-1
	Polyglycolic Acid	Colorless	18"	4/0	DT-494-1
	Chromic Catgut	Brown	18"	5/0	DT-687-1
DP-2 Precision Point Reverse Cut 3/8 Circle	Nylon Monofilament	Black	18"	4/0	DT-1667-1

NO-CLOG SURGICAL ASPIRATORS – FOR USE IN HIGH-VOLUME VALVES

These aspirators feature a built-in stylet. Sliding the button forward quickly ejects particles that may be clogging the tip. Returning the button to its original position restores suction. The adapter end fits high volume cut-off valves or surgical tubing. These aspirators disassemble for easy cleaning.

Part Number	ASPB15	ASPB25	ASPB30
Brush Size	Small/Medium	Medium	Medium
Opening Size	○ 1.5mm	○ 2.5mm	○ 3.0mm



SURGICAL ASPIRATORS – FOR HVE VALVES

Surgical aspirators made of 3/16" diameter stainless steel. Tapered tip on ASP25 and ASP30 help prevent clogging in the tube. ASP40 has a tissue relief slot to help prevent grabbing of the cheek, tongue, and soft tissue.

Part Number	ASP25	ASP30	ASP40	ASP50
Brush Size	Medium	Medium	Medium	Medium
Opening Size	○ 2.5mm	○ 3.0mm	○ 4.0mm	○ 5.0mm



YANKAUER ASPIRATOR

These suction tips have a straight extended tail for use in standard 1/4" surgical tubing. The head unscrews for easy cleaning.

Part Number	ASPY1
Brush Size	Medium



SURGICAL ASPIRATORS – FOR USE IN SURGICAL TUBING

These 9 1/4" stainless steel aspirators are made with graduated sizes of tubing. The 1/4" handle fits standard surgical tubing.



Part Number	ASPS17	ASPS23	ASPS15	ASPS25	ASPS30	ASPS40
Brush Size	Small/Medium	Small/Medium	Small/Medium	Medium	Medium	Medium
Opening Size	○ 1.7mm	○ 2.3mm	○ 1.5mm	○ 2.5mm	○ 3.0mm	○ 4.0mm

SURGICAL ASPIRATORS – FOR USE IN SURGICAL TUBING

These aspirators have an overall length of 7 1/2" and are designed for use in surgical tubing. They are made of 3/16" diameter stainless steel and have tapered tips to prevent clogging.

Part Number	ASPSA15	ASPSA25	ASPSA30
Brush Size	Medium	Medium	Medium
Opening Size	○ 1.5mm	○ 2.5mm	○ 3.0mm



SURGICAL ASPIRATORS – FOR USE IN SURGICAL TUBING

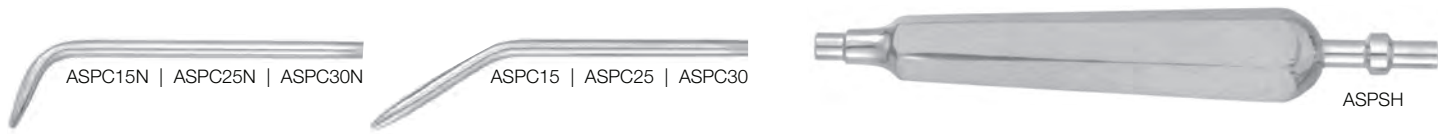
These aspirators have an overall length of 7 1/2" and are designed for use in surgical tubing. The right angle bend and tapered ends on these aspirators make suctioning within the socket more accessible, particularly in posterior areas.

Part Number	ASP15N	ASP25N
Brush Size	Small/Medium	Medium
Opening Size	○ 1.5mm	○ 2.5mm



SURGICAL ASPIRATORS FOR SURGICAL HANDLES

These aspirators are made to be used in surgical suction handles such as Gamco, Copeland, and McKesson. They are available with a right angle bend and have tapered openings to allow better access into the socket area.



Part Number	ASPSH	ASPC15	ASPC14	ASPC30	ASPC15N	ASPC25N	ASPC30N
Brush Size	Medium	Small/Medium	Medium	Medium	Small/Medium	Medium	Medium
Opening Size	Surgical Handle	○ 1.5mm	○ 2.5mm	○ 3.0mm	○ 1.5mm	○ 2.5mm	○ 3.0mm

SURGICAL ASPIRATOR

Stainless steel surgical suction tip with built-in Frazier-style vacuum control. The vacuum relief hole allows control of suction by covering or uncovering the hole.



Part Number	ASPC3
Opening Size	○ 3.0mm

CLEANING BRUSHES – SOLD BY THE DOZEN

These brushes are 12" long and are specially designed for aspirator tips and saliva ejectors. They have stiff white nylon bristles and a handle made of stainless steel. The brushes are long enough to extend the full length of aspirator tips and are flexible enough to round the strong curvatures on some aspirator tips.



CLEANING BRUSHES

Part Number	ASPB	ASPMB	ASPLB	ASPLB
Brush Size	Small	Medium	Large	Extra Large
Opening Size	○ 1.0mm	○ 1.5mm	○ 2.5mm	○ 3.0mm

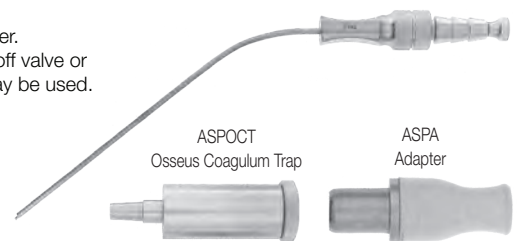
CLEANING STYLETS

Part Number	ASPS0	ASPS1	ASPS2	ASPS3
Brush Size	Small	Medium	Large	Extra Large
Opening Size	○ 1.0mm	○ 1.5mm	○ 2.5mm	○ 3.0mm

OSSEOUS COAGULUM TRAP

The osseous coagulum trap is used to collect osseous material directly from the aspirator tip into a sterile filter. The trap may be sterilized by autoclave, dry heat, or Chemiclave. The trap connects into a high volume cut-off valve or 1/4" surgical tubing. Aspirators that fit high volume cut-off valves will fit into the cap or the adapter below may be used.

FRAZIER ASPIRATORS	Part Number	ASPF6	ASPF8	ASPF10	ASPF12
	Opening Size	○ 2.0mm	○ 2.7mm	○ 3.3mm	○ 4.0mm



MICRO ASPIRATOR – LUER LOCK



DISPOSABLE NEEDLES – 100/BAG



Part Number	ASPL14	ASPL16	ASPL18	ASPL20	ASPL22
Type	14 GA – Olive	16 GA – Purple	18 GA – Pink	22 GA – Yellow	24 GA – Black
Size	1.75mm	1.35mm	.95mm	.65mm	.50mm

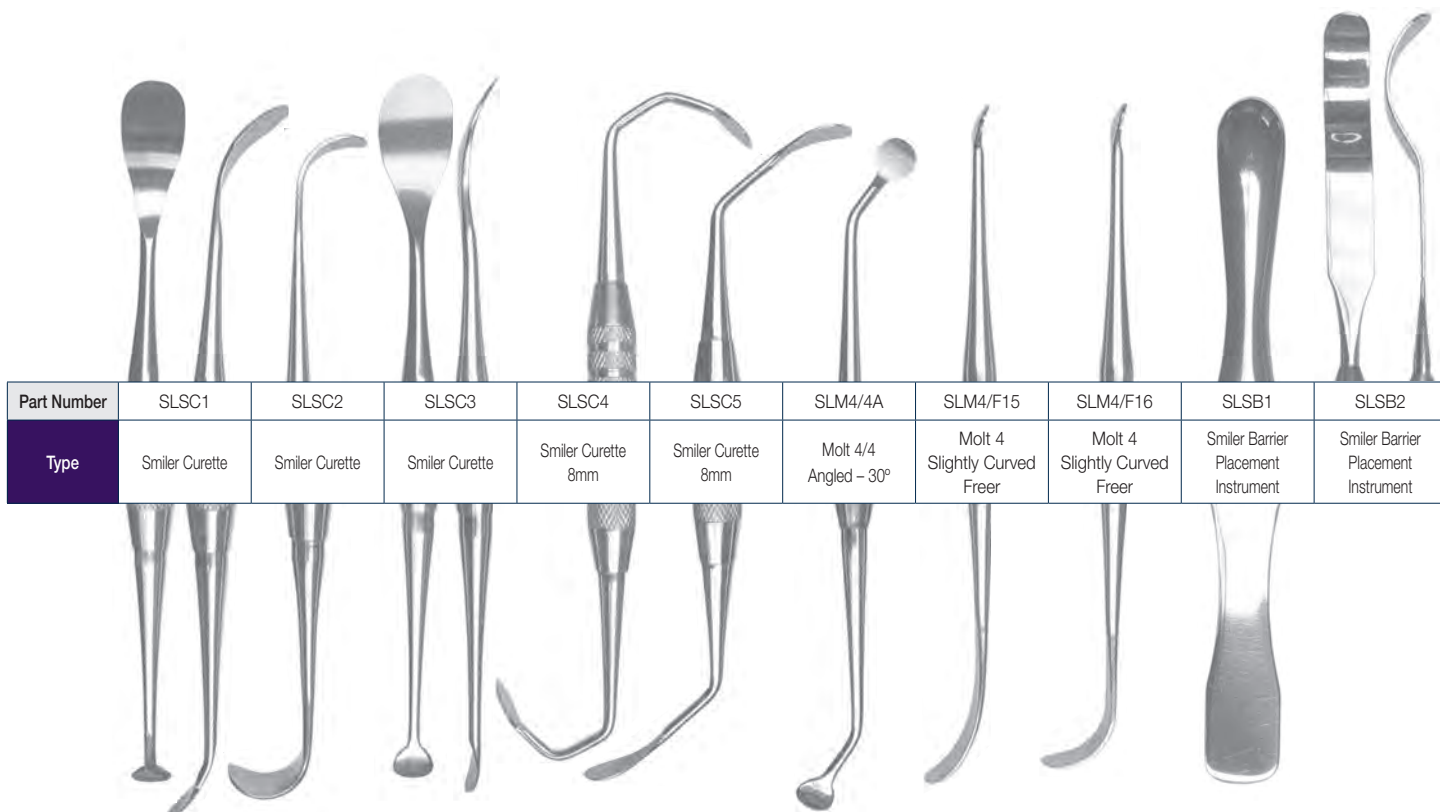
*Also available: ASPF – Osseous Coagulum Trap Filters – 3/Package

IMPLANTOLOGY INSTRUMENTS

Instruments in this section:

Sinus Lift Instruments	88
Antral Curettes	88
Antralplasty Curettes	88-89
Ridge Expansion Osteotomes	90
Bone Syringes and Condensers	91
Implant Calipers and Gauges	91
Abutment Holders	91
Biopsy Punches	91
Ridge Mapping Calipers	91
Bone Mills	92
Bone Mixing Bowls	92
Stainless Steel Bowls	92
Bone Scrapers and Harvesters	92
Implant and Impression Trays	92
Bursa Drills	93
Implant Curettes	93

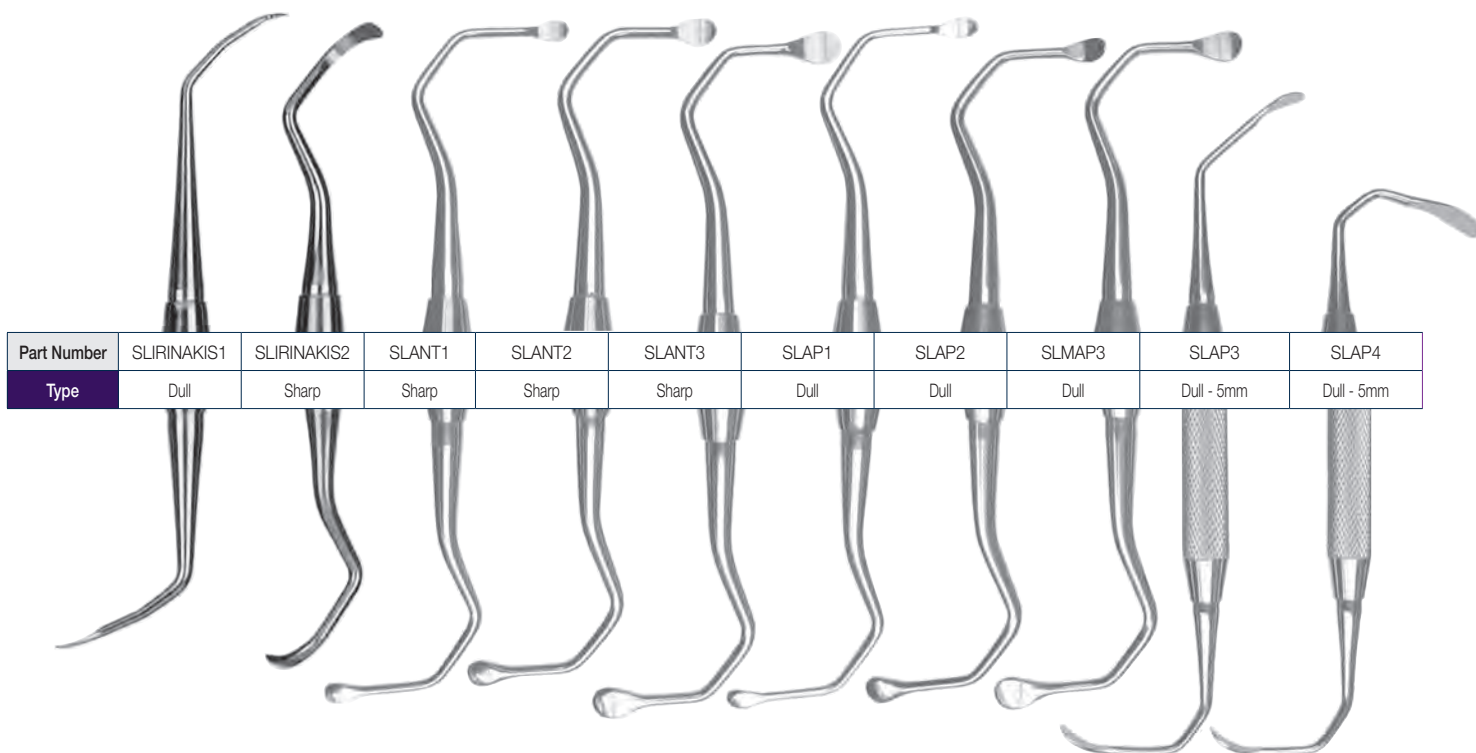
SMILER SINUS LIFT INSTRUMENTS*



IRINAKIS CURETTES**

ANTRAL CURETTES

ANTRALPLASTY CURETTES



*Designed by Dr. Dennis Smiler, Encino, CA U.S.A

**Designed by Dr. Tassos Irinakis, Vancouver, BC, Canada

ANTRALPLASTY CURETTES



GARG IMPLANTOLOGY INSTRUMENTS



*Also available: SLI1C – 1.5mm wider, more curved, and has a thicker tip
 **Designed by Dr. Hom-Lay Wang, Ann Arbor, MI

BLUNT TIP



Part Number	Tip Size
SLOBT31	3.1mm
SLOBT38	3.8mm
Marked 8-10-13-15-17-20	

GARG – CONVEX



Part Number	Tip Size
SLOAG23	2.3mm
SLOAG26	2.6mm
SLOAG29	2.9mm
SLOAG32	3.2mm
All SLOAG Part Numbers Marked 7.5-9.0-10.5-12-13.5 & 15.5mm	

OFFSET – CONCAVE



Part Number	Tip Size
SLO220S	2.2mm
SLO260S	2.6mm
SLO280S	2.8mm
SLO310S	3.1mm
SLO350S	3.5mm
SLO380S	3.8mm
SLO420S	4.2mm
SLO450S	4.5mm
SLO500S	5.0mm
SLO550S	5.5mm
SLO600S	6.0mm
SLO260S & SLO310S Marked 8-10-13-15-17-20mm SLO380S, SLO450S, SLO500S, SLO550S & SLO600S Marked 8-11-13-15-17-20mm	

OFFSET – CONVEX

Part Number	Tip Size
SLOISD180S	1.8mm
SLOISD280S	2.8mm
SLOISD350S	3.5mm
SLOISD400S	4.0mm
SLOISD180S & SLOISD280S Marked 8-10-13-17-20mm SLOISD350S & SLOISD400S Marked 8-11-13-15-17-20mm	

CONVEX TIP



Part Number	Tip Size
SLSD18	1.8mm
SLSD28	2.8mm
SLSD35	3.5mm
SLSD40	4.0mm
SLSD18 & SLSD28 Marked 8-10-13-15-17-20mm SLSD35 & SLSD40 Marked 8-10-13-15-17-20mm	

CONCAVE TIP



Part Number	Tip Size
SLO26	2.6mm
SLO31	3.1mm
SLO38	3.8mm
SLO45	4.5mm
SLO50	5.0mm
SLO55	5.5mm
SLO26 & SLO31 Marked 8-10-13-15-17-20mm SLO38, SLO45, SLO50 & SLO55 Marked 8-11-13-15-17-20mm	

SMILER OSTEOTOMES

Part Number	Tip Size
SLOST4	Rigid – 4mm
SLOST4T	Flexible – 4mm
SLOST6	Rigid – 6mm
SLOST6T	Flexible – 6mm
SLOST8	Rigid – 8mm
SLOST8T	Flexible – 8mm

Part Number	Tip Size
SLMOST1520	1.5-2.0mm
SLMOST2025	2.0-2.5mm
SLMOST2530	2.5-3.0mm
SLMOST3035	3.0-3.5mm
SLMOST35BL	3.5mm – Blunt
SLMOST45BL	4.0mm – Blunt
SLMOST50BL	5.0mm – Blunt
SLMOST55BL	5.5mm – Blunt
All SLMOST Part Numbers Marked 8-10-13-15-17-20mm	

TAPERED CONCAVE



Part Number	Tip Size
SLO16T	1.6mm
SLO19T	1.9mm
SLO28T	2.8mm
SLO31T	3.1mm
SLO39T	3.9mm
SLO55T	5.5mm
Marked 10-11.5-13mm	

SMILER TAPERED/CYLINDRICAL EXPANDERS*



Part Number	Tip Size
SLSX1	Tapered 1.0-2.0mm
SLSX2	Tapered 2.0-3.0mm
SLSX3	Tapered 3.0-4.5mm
SLSX4	Cylindrical 2.0mm ¹
SLSX5	Cylindrical 2.5mm ²
SLSX6	Cylindrical 3.25mm ³
SLSX7	Cylindrical 3.8mm ⁴
SLSX8	Cylindrical 4.5mm ⁵
ALL SLSX Marked 5-10-15-20-25mm	

D-TYPE



Part Number	Tip Size
SLOSTP25	2.5mm
SLOSTP30	3.0mm
SLOSTP35	3.5mm
SLOSTP40	4.0mm
SLOSTP45	4.5mm
SLOSTP50	5.0mm
All SLOSTP Marked 10-15-20mm	

RIDGE EXPANSION INSTRUMENTS



Part Number	Tip Size
IG097	.097in
IG107	.107in
IG117	.117in
IG125	.125in
IG132	.132in
IG144	.144in
Measurements taken 10mm up from tip of instrument	

OSTEOTOME STOP KIT



IOSTSTOPKIT

Osteotome Stop Kit with 5 sizes of osteotome depth stops and 1 wrench (for tightening screws on stops)

WRENCH



IGW

SMILER EXPANDERS



Part Number	Tip Size
SLS1	2.0mm
SLS2	2.7mm
SLS3	3.3mm
SLS4	4.3mm
SLS5	5.0mm
SLS6	6.0mm
ALL SLS Marked 10-13-16mm	

DRIVER



IGSH

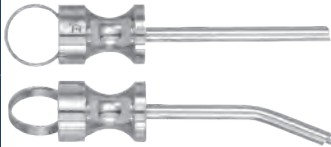
*Concave also available offset: SLSX4CC0S, SLSX5CC0S, SLSX6CC0S, SLSX7CC0S & SLSX8CC0S

BONE SYRINGES

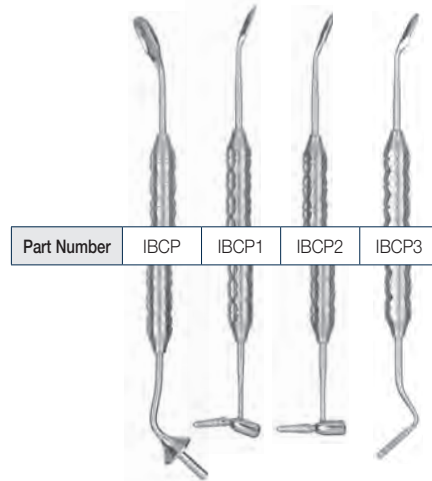


Part Number	ISS60	ISS61	ISS62	ISS64
Tip Size	2.5mm	3.5mm	4.4mm	7.0mm
CC's		~1.6cc	~12.1cc	

Part Number	Tip Size	CC's
ISSB	4.8mm	~2.5cc
ISSBA	Angled 4.8mm	~2.5cc



BONE CONDENSER/GRAFT MATERIAL SPOONS



Part Number	IBCP	IBCP1	IBCP2	IBCP3
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SMILER TISSUE FORCEP



ISLSTF – Smooth

LAMB – ROUND

Part Number	IBP35L	IBP5L	IBP65L
Tip Size	3.5mm	5.0mm	6.5mm



LAMB – 1/2 ROUND

Part Number	IBP35LH	IBP5LH	IBP65LH
Tip Size	3.5mm	5.0mm	6.5mm



BIOPSY PUNCHES*



Part Number	Tip Size
IBP3	3mm – Straight
IBP4	4mm – Straight
IBP5	5mm – Straight
IBP6	6mm – Straight

Part Number	Tip Size
IBP3A	3mm – Angled
IBP4A	4mm – Angled
IBP5A	5mm – Angled
IBP6A	6mm – Angled

ABUTMENT HOLDERS



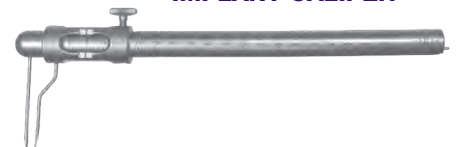
IAH1 – With 1 hole
IAH2 – With 2 different sized holes

IMPLANT MEASURING GAUGE



IIMD

IMPLANT CALIPER



IIC

IMPLANT MEASURING CALIPER



IGP

RIDGE MAPPING INSTRUMENTS



ICC7B



IRMC

BRUNS CURETTES



Part Number	Tip Size
ICB000	Smallest Size
ICB00	Larger Than ICB000
ICB0	Larger Than ICB00
ICB1	Largest Size

WIN-TRAY IMPRESSION TRAYS



UPPER

Part Number	Size
I6640 (U3A)	Small
I6641 (U4A)	Medium
I6694 (U6A)	Large

LOWER

Part Number	Size
I6642 (L3)	Small
I6643 (L4)	Medium
I6695 (L6)	Large

BONE MIXING BOWL



IMBO

TITANIUM BONE CRACKER

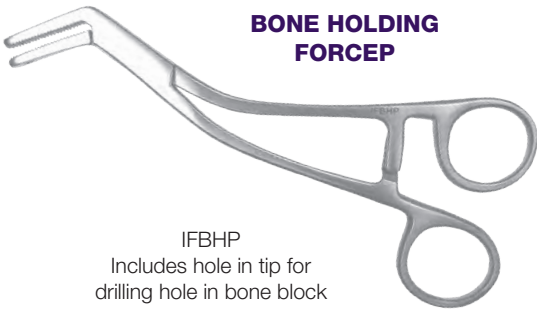


IMBT

BONE MILL*



BONE HOLDING FORCEP



IFBHP
Includes hole in tip for
drilling hole in bone block

BONE COLLECTOR
ISBS



BONE SCRAPER

Part Number	Size	Handle Type
ISBLAK	Large – Angled	Ergonomic
ISBSA	Small – Angled	Standard
ISBLA	Large – Angled	Standard

REPLACEMENT BLADES



Part Number	ISBR	ISBLAB	ISBRS	ISBLAKB
Blade Replaces	ISBS	ISBLA	ISBSA	ISBLAK

SMUKLER OSSEOUS COAGULUM COLLECTOR*

SBC2

Note: Concavity under chisel blade for collecting bone
Also available: Single End: SBC – Large & SBCS – Small



MEMBRANE PLACEMENT INSTRUMENT
PMPI



BONE HOLDING FORCEP**
IFIBH



*Designed by Dr. H. Smukler, Brookline, MA, U.S.A.
**With hole in tip for drilling hole in bone block

TREPHINE BURS - INTERNAL IRRIGATION



Part Number	Tip Size - I.D.	Tip Size - O.D.
ITB24I	1.7mm	2.4mm
ITB27I	2.0mm	2.7mm
ITB30I	2.3mm	3.0mm
ITB33I	2.6mm	3.3mm
ITB38I	3.1mm	3.8mm
ITB43I	3.6mm	4.3mm
ITB50I	4.3mm	5.0mm
ITB60I	5.3mm	6.0mm

TREPHINE BURS WITH DEPTH MARKINGS



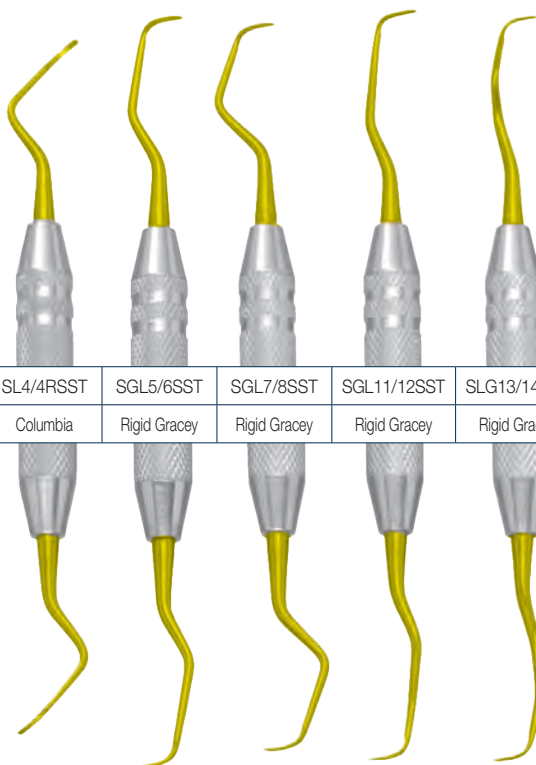
Part Number	Tip Size - I.D.	Tip Size - O.D.
ITB3	3.0mm	3.5mm
ITB5	5.0mm	6.0mm
ITB75	7.5mm	8.5mm
ITB10	10.0mm	11.0mm

IMPLANT DRILLS



Part Number	ID12	ID15	ID20	ID25	ID28	ID30	ID32	ID33	ID365	ID38
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TITANIUM-COATED IMPLANT CURETTES



Part Number	SL4/4RSST	SGL5/6SST	SGL7/8SST	SGL11/12SST	SLG13/14SST
Type	Columbia	Rigid Gracey	Rigid Gracey	Rigid Gracey	Rigid Gracey

Any standard curette, scaler, or other instrument may be requested with a Titanium Coating.

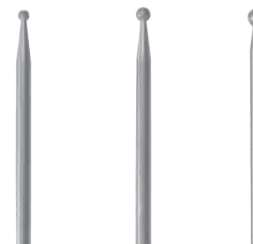
To order, please use the standard stock number followed by a T.

LINDEMANN BURS



Part Number	IBURL1	IBURL2	IBURL3
Size	75mm	65mm	45mm

OSTEOTOMY BURS*



Part Number	IBO6	IBO8	IBO10
Size	#6 - Round	#8 - Round	#10 - Round

*Diamond-Coated

LASERS IN CONJUNCTION WITH TRADITIONAL SRP TECHNIQUES – AN ALTERNATIVE WAY TO TREAT PERIO.

Before routine cleaning, use laser bacterial reduction techniques (LBR) to reduce bacteria from the perio pocket and prevent cross contamination in the mouth. Lasers can also be used as an adjunct to scaling and root planing to reduce pocket depth by selectively removing diseased epithelium.



SOFT-TISSUE DIODE LASERS

Dental professionals who use lasers perform more procedures, in less time, with better results than those using traditional methods only.

Diode lasers coagulate and cauterize the treatment area as you work, leading to immediate hemostasis, rapid healing and reduced swelling. This will allow you to move a patient directly from a hygiene procedure to a same-day restorative case with no wait time.



NV PRO3 MICROLASER

- Plug-and-play system with 12 preset procedures for all of your periodontal, restorative and orthodontic needs
- Lightest weight wireless soft-tissue diode laser on the market, weighing less than a standard drill
- 30 minutes of continuous operation at 1.2 watts of power, enough for more than 15 procedures before changing batteries
- 2 watts of maximum power on continuous wave or pulse mode

Part Number	ZLR3003
Type	Soft-Tissue Diode Laser

PIEZO ULTRASONIC SYSTEM

The Pro-Select Platinum Piezo Ultrasonic system promotes greater patient comfort, supports hygiene efficiency, expands infection control and increases practice production.

The PSP offers two instruments in one — ultrasonic scaling and heated irrigation system. PSP is a superb piezo ultrasonic scaling solution and the only system that combines scaling with heated subgingival irrigation.



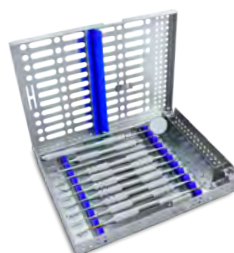
THE PRO-SELECT PLATINUM PIEZO ULTRASONIC SYSTEM

- High-speed linear tip motion reduces sulcular trauma and does not burnish calculus making it more comfortable for patients
- Improves hygiene efficiency by easily transitioning from gross debridement to definitive root planning in one quick step without changing tips
- Boosts office hygiene productivity

Part Number	S42355
Type	Piezo Ultrasonic System

HAND INSTRUMENTS WITH UNBEATABLE QUALITY AND VALUE

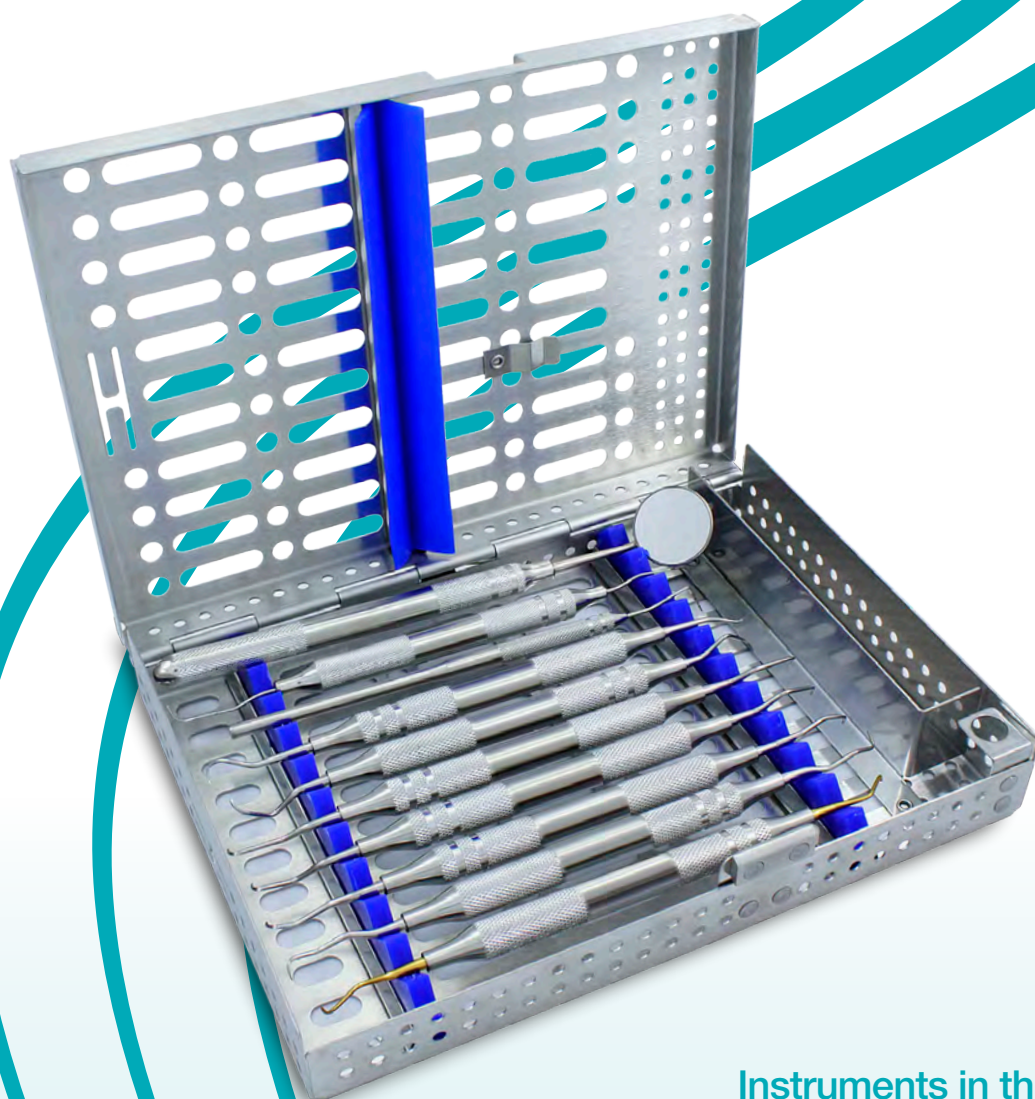
- Second-to-none edge retention to maximize cleaning
- Among the lightest handles on the market, reducing stress and strain
- Best value for instruments made in the U.S.A
- Specialized instruments for hygiene, endo, ortho, perio, restorative, implants, and oral surgery



Standard SRP Kit

Turn to Page 94
for more information

SPECIALIZED INSTRUMENT KITS



Instruments in this section:

Implant Curette Starter Kit	96
Hygiene Intro Kit	96
Standard SRP Kit	97
Essentials SRP Kit	97
Crown Cementation Kit	98
Endo Starter Kit	98
Cassettes	99



IMPLANT CURETTE STARTER KIT

Known for our superior line of hygiene instruments, Hartzell's Titanium scalers and curettes feature durable, precision-sharp edges that are designed specifically to safely remove plaque and calculus without harming the implant itself. Order part IMPCURSTRKIT for the entire kit, and save on à la carte pricing.



Part Number	IC5	SA204SST	SAGL11/12SST	SAGL13/14SST	SAGL7/8SST	SA4L/4RSST
Type	Cassette – 5 Instrument	204 Scaler	Rigid Gracey Curette	Rigid Gracey Curette	Rigid Gracey Curette	Columbia Universal Curette



HYGIENE INTRO KIT

Not only are Hartzell instruments the sharpest available, they'll stay sharp and maintain their edge after many uses. The micrograin structure of Hartzell's stainless steel contributes to edge longevity. Additionally, Hartzell's heat-treating process ensures that once sharpened, the instruments will maintain sharpness longer than the competition. Order part HIK for the entire kit, and save on à la carte pricing.



Part Number	IC5RED	S6/7WCSS	SN2WCSS	SR3/R4WCSS	PAF/23	CSH2A	M5EA	#5
Type	Cassette	Anterior Scaler	Posterior Scaler	Universal Curette	ExPro	Lightweight Handle	#5 Mirror	Mirror with Handle

*Instruments are delivered pre-filled in the cassette and are not replaceable.



STANDARD SRP INSTRUMENT KIT

All of Hartzell's periodontal instruments are manufactured, polished and finished in the USA. With consistent bends and second-to-none edge-retention, these precision instruments will become a standard part of your perio armamentarium. Use them during routine prophy appointments, or for scaling and root planing. Order part STDSRPKT for the entire kit, and save on à la carte pricing.



Part Number	IC10	M5EA	CSH2A	XA11/12	PUNC12	SAMJ1/2NSS	SA4L/4RSS	SAGL5/6SS	SAGL7/8SS	SAGL11/12SS	SAGL13/14SS	SA4L/4RSST
Type	Cassette	Mirror	Mirror Handle	Explorer	Probe	Sickle Scaler	Universal Curette	Rigid-Gracey Curette	Rigid-Gracey Curette	Rigid-Gracey Curette	Rigid-Gracey Curette	Implant Curette



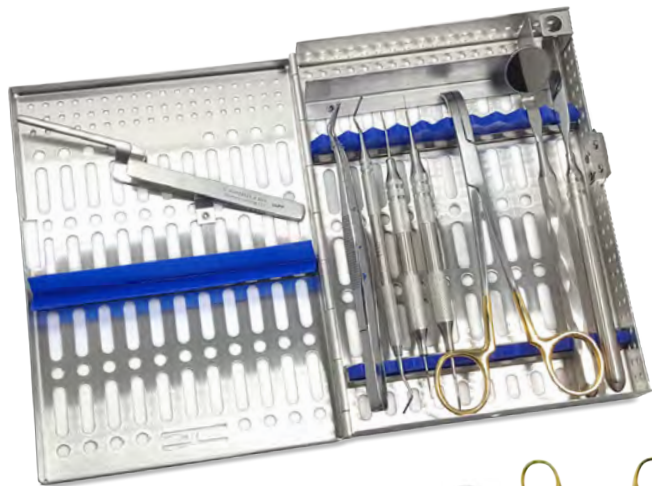
SRP ESSENTIALS INSTRUMENT KIT

All of Hartzell's periodontal instruments are manufactured, polished and finished in the USA. With consistent bends and second-to-none edge-retention, these precision instruments will become a standard part of your perio armamentarium. Use them during routine prophy appointments, or for scaling and root planing. Order part ESSENTSRPKIT for the entire kit, and save on à la carte pricing.



Part Number	IC10	XA11/12	CSH2A & M5EA	PACP12	CSHA & R1S- R2S	SASL3/4SS	SME11/12WCSS	SAPL3/4SS	SAPL1/2SS	SAGL13/14SS	SAGL11/12SS	SAMJ1/2NSS
Type	Cassette	Explorer	Lightweight Handle, Single End with #5 Mirror	Probe	Cone Socket Ratcliff Curette	Langer Curette	Mini-Extended Gracey Curette	Langer-Pattison Curette	Langer-Pattison Curette	Rigid Gracey Curette	Rigid Gracey Curette	Sickle Scaler

*Instruments are delivered pre-filled in the cassette and are not replaceable.



CROWN CEMENTATION INSTRUMENT KIT

Hartzell's restorative instruments adhere strictly to Black's Operative Instruments Formulas. This comprehensive product line features premium non-stick composite instruments that will serve all of your restorative needs. Order the Crown Cementation Kit, and save on à la carte pricing



Part Number	IC10	M5EA	CSH2A	ICR	IAPF	XA5	CA24	C1/2H	C113	IPLCX
Type	Cassette	Mirror	Mirror Handle	Temporary Crown Remover	Articulating Paper Forcep	Double-End Explorer	Cement Spatula	Carver	Cord Packing Instrument	Cotton Pliers



ENDO STARTER KIT

Looking to get started with a set-up kit for endodontics? The recommended kit provides nearly everything you need to get started. Order part ENDOSTRKIT for the entire kit, and save on à la carte pricing.



Part Number	IC8+8	M1M	CSH2	PAUNC15	XADG16	IPL	E31L	ESD11T	IEMFH	EP5/7	EG1
Type	Cassette	Endo Mirror	Mirror Handle	Probe	Endo Eplorer	Locking Endo Pliers	Endo Excavator	Endo Spreader	Endo File Holder	Endo Plugger	Glick Blade/Plugger

*Instruments are delivered pre-filled in the cassette and are not replaceable.

CASSETTES

Stainless Steel construction. No sharp edges. Silicone instrument rails. Easy-to-open.



Part Number	IC5
Type	5-Instrument Cassette with Air/Water Syringe Clip
Dimensions	8in x 3in x 1 ¹ / ₄ in



Part Number	IC10
Type	10-Instrument Cassette with Air/Water Syringe Clip, Needle-recapper, & Accessory Box
Dimensions	8in x 5 ⁷ / ₈ in x 1 ¹ / ₄ in



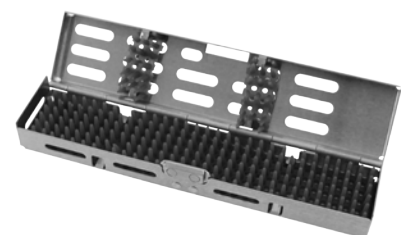
Part Number	IC15WCLIPS*
Type	15-Instrument Cassette with 3 Sets of Clips for Surgical Instruments & Accessory Box.
Dimensions	11in x 8in x 1 ¹ / ₄ in



Part Number	IC8+8**
Type	16-Instrument Double-Layer Cassete.
Dimensions	8in x 4 ¹ / ₂ in x 1 ³ / ₄ in

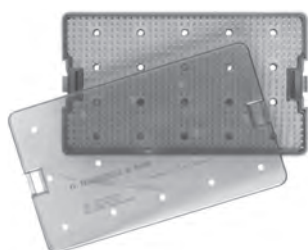


Part Number	IC20
Type	20-Instrument Cassette with 2 Sets of Clips for Surgical Instruments, Needle-recapper, & Accessory Box
Dimensions	12in x 8in x 1 ¹ / ₄ in



Part Number	ICU
Type	Ultrasonic Cassette
Dimensions	8in x 1 ¹ / ₄ in x 2in

POLYMER MICROSURGICAL CASSETTES



Part Number	ICR1	ICR2
Type	1-level with 1 Mat	2-levels with 2 Mats
Dimensions	10in x 6in x 3/4in	10in x 6in x 1 ¹ / ₂ in

COLOR CODE RINGS

Available in packages of 50. Individually packaged in the following colors or available in an assortment of all 10 colors (5 of each color.)



Small Rings

Part Number	Color
RINGSBLACK	Black
RINGSBLUE	Blue
RINGSGREEN	Green
RINGSGREY	Grey
RINGSORANGE	Orange
RINGSPINK	Pink
RINGSPURPLE	Purple
RINGSRED	Red
RINGSWHITE	White
RINGSYELLOW	Yellow
RINGS	Assorted

Large Rings

Part Number	Color
RINGSLBLACK	Black
RINGSLBLUE	Blue
RINGSLGREEN	Green
RINGSLGREY	Grey
RINGSLORANGE	Orange
RINGSLPINK	Pink
RINGSLPURPLE	Purple
RINGSLRED	Red
RINGSLWHITE	White
RINGSLYELLOW	Yellow
RINGSL	Assorted

*IC15 same as above but has no clips.

**IC8+8T same as above but has accessory box

DESCRIPTION:

Hartzell Instruments include a wide variety of instruments in all categories including examination, dental hygiene, cutting, restorative, and accessory instruments. They are supplied non-sterile and the majority of instruments are reusable devices.

INTENDED USE:

Hartzell Instruments are intended for use in diagnostic, endodontic, implantology, orthodontic, periodontic, oral and maxillofacial surgery, pedodontic, hygiene and restorative dental procedures.

WARNINGS AND PRECAUTIONS:

- Professional use only.
- Carefully read package labels to ensure use of the appropriate device.
- Maintain instruments in good working condition to ensure maximum effectiveness of the device.
- Do not use corroded instruments.
- Do not use worn-out or dull instruments.
- Do not apply excessive pressure on the tip of the hand instrument as this could cause the tip to break.
- Avoid applying excessive pressure at too sharp an angle to avoid leverage and breakage.
- Do not expose to phenols or iodophors.
- Hinged instruments: Apply a lubricant to the hinge to ensure smooth operation of the hinge.
- Clean and sterilize prior to each use.
- Always wear gloves when handling contaminated instruments.
- Use only recommended products for cleaning and sterilization.
- Carbon steel instruments: Use steam sterilization only with corrosion inhibitors.
- Sterilize hinged instruments with “locks” in the “open” position.
- Use instrument cassettes to hold the devices for storage and steam sterilization. Hand instrument cassettes are not intended to maintain sterility of the device.
- Store instruments after sterilization in a dry and dust free area.

INSTRUCTIONS:

1. The device is to be used on the instruction of, or by a dentist or other licensed health care practitioner.
2. See Cleaning Instructions on back.

CLEANING INSTRUCTIONS:

1. Clean and sterilize non-sterile hand instruments before first use and before subsequent use.
2. Remove debris by using a long-handled brush to scrub the instrument with water and a surfactant or detergent or use an automated equipment (e.g., ultrasonic cleaner, washer-disinfector) and chemical agents.
3. After cleaning, instruments should be rinsed with water to remove chemical or detergent residue.
4. Inspect to ensure the instrument is free of visible contaminants and impurities. Check for corrosion or damaged surfaces; do not reuse damaged instruments. Repeat cleaning if necessary.
5. Carbon Steel Instruments should be hand dried upon removal from wet environment.

If cleaning is not performed immediately, instruments should be placed into a container and soaked with a detergent, a disinfectant/detergent or an enzymatic cleaner to prevent drying of patient material.

STERILIZATION INSTRUCTIONS:

Use the recommended sterilization procedures listed below for steam sterilization of wrapped instruments or defer to the manufacturer's instruction for equipment used.

Type of Serilizer	Temperature	Minimum Time	Drying Time
Gravity Displacement	270°F (132°F)	15 minutes	15-30 minutes
Gravity Displacement	250°F (121°F)	30 minutes	15-30 minutes
Dynamic-air-removal (pre-vacuum)	270°F (132°F)	4 minutes	20-30 minutes

Note: Follow the manufacturer's operating instructions to enable consistent cleaning of instruments. CDC Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008. Minimum cycle times for sterilization cycles.

STORAGE:

After sterilization, store the packaged/wrapped instruments in a dust-free environment where they are protected against excessive heat and where conditions remain dry, such as a covered or closed cabinet.

INSTRUCTIONS FOR THE CARE OF CARBON AND STAINLESS STEEL INSTRUMENTS:

Hartzell Instruments manufactures most instruments in either carbon or stainless steel (hinged instruments are created with stainless steel only). Since carbon steel is harder than stainless steel, carbon steel instruments will maintain a sharper edge longer and require less sharpening than stainless steel instruments. However, carbon steel instruments require additional care during the cleaning and sterilization process to avoid corrosion issues.

Please review and follow the recommended carbon steel care guidelines below:

1. Carbon Steel instruments should not stand in wet conditions or cold sterile for prolonged periods. If an ultrasonic cleaner is used, only use solutions that contain a corrosion inhibitor. Please follow the manufacturer's instructions concerning solution dilution and the length of time the instruments are left in the cleaner.
2. If a steam autoclave is used for sterilization, a corrosion inhibitor must be used before the instruments are loaded into the autoclave. Hartzell carries two products to inhibit corrosion:
 - Corrosion Inhibitor - an additive to the autoclave make-up water (Product #CI)
 - Surgical Milk - an instrument dip that works well with certain cassette-type steam autoclaves (Product #MILK)

Note: The steam autoclave must be vented and/or run on a drying cycle.
3. Non-liquid-based sterilization (dry-heat, chemiclave, etc.) does not require any additional steps for carbon-steel instrument sterilization.
4. Inspect to ensure the instrument is free of visible contaminants and impurities. Check for corrosion or damaged surfaces; do not reuse damaged instruments. Repeat cleaning if necessary.
5. Carbon Steel Instruments should be hand dried upon removal from wet environment.



Den-Mat Holdings, LLC (“DenMat”) warrants to the original purchaser (“Purchaser”) that this product will be free from defects in workmanship or material under normal use and service from the date of delivery to the Purchaser for the described lifetime of the instrument below (“Warranty Period”). During the Warranty Period, DenMat’s obligation is limited solely to repair or replacement, as its sole discretion, of a defective product, without charge to Purchaser. DenMat shall not be liable for lost profits, lost savings, special, incidental, consequential, indirect or other damages arising from the purported defect or any breach of contract, negligence, or other legal theory even if DenMat or its agents have been advised of the possibility of such damages or for any claim by any other party.

This Limited Product Warranty is contingent upon Purchaser’s proper use of the product. Any use not within the directions for use, or other improper use, sterilization, storage, maintenance, or resale of the product by the Purchaser will void this Limited Product Warranty. In addition, this Limited Product warranty does not cover the following:

- Normal wear and tear of the instrument.
- Improper usage, sterilization, or inadequate maintenance.

For your reference, properly maintained Hartzell Instruments will have the following expected product lifetimes:

Lifetime	Products
6 Months	Dental Scalers and Curettes
2 Years	Perio Knives, Periotomes, Explorers, Gold Knives, Endo Carriers, Spreaders, Endodontic Pluggers, Rubber Dam Clamps, and Crown Remover Inserts
4 Years	Scissors, Probes, Surgical Curettes, Mirrors, Root Tip Picks, Excavators, Hoes, Carvers, Cavity Prep (Hatchets and Margin Trimmers), Amalgam Carriers, Crown & Bridge Scissors, and Retractors (Plastic)
7 Years	Elevators, Periosteal Bone Chisels, Bone Files, Hemostats, Needle Holders, Tissue Pliers, Pluggers, Burnishers, Composite or Plastic Filling Instruments, Dressing Pliers, Waxing Instruments, Suture/Tissue Scissors, Crown Removers, Handles, Mouth Props/Bite Blocks, Tissue Punches, and Aspirators
10 Years	Forceps, Rongeurs, Ortho Pliers, Spatulas, Rubber Dam Forceps, Rubber Dam Punch, Cassettes, and Retractors (Stainless Steel)

In order to return this product to DenMat, please contact DenMat Customer Care at 1-800-433-6628 to obtain a Return Material Authorization (“RMA”) number. Any returns sent to DenMat without a RMA will not be eligible for processing under this Limited Product Warranty. Purchaser must return the product to DenMat in an adequate container for shipping, with freight and insurance prepaid. The RMA number must appear on the outside of the shipping container. Upon receipt, DenMat will promptly repair or replace, at its sole discretion, the defective product, and return said product to Purchaser, freight and insurance prepaid. If DenMat elects to repair the product, DenMat may use reconditioned or like-new parts, at its sole option. If DenMat elects to replace the product, any returned product will become the property of DenMat, and the replacement product will retain the balance of the Warranty Period from the returned product.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED; AND SELLER EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. DENMAT SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

Hartzell[®]

INSTRUMENTS



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