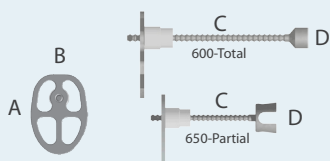
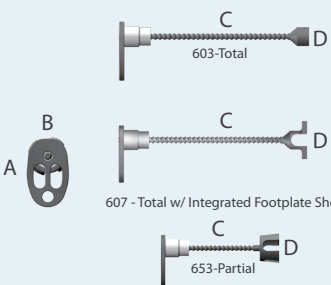


OFFSET ALTO



Cat. #	Material	A	B	C	D
600	Titanium	2.50	3.50	3.00-7.00	0.8
650	Titanium	2.50	3.50	2.00-5.60	1.45

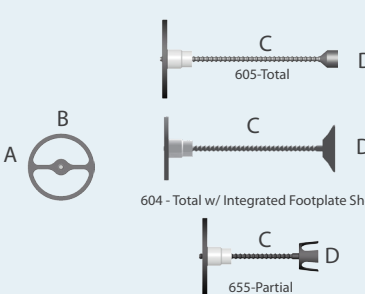
OFFSET ALTO NANO



Cat. #	Material	A	B	C	D
603	Titanium	1.50	2.50	3.00-7.00	0.8
607	Titanium	1.50	2.50	3.00-7.00	0.86x1.27
653	Titanium	1.50	2.50	2.00-5.60	1.45

Designed in conjunction with Peter Weber, MD, Boston, MA

CENTERED ALTO



Cat. #	Material	A	B	C	D
605	Titanium	3.00	3.00	3.00-7.00	0.8
*604	Titanium	3.00	3.00	3.00-7.00	0.8x2.3
655	Titanium	3.00	3.00	2.00-5.60	1.45

Designed in conjunction with Jacques Herzog, MD, St. Louis, MO

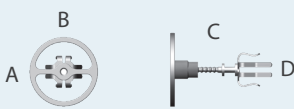
CENTERED ALTO NANO



Cat. #	Material	A	B	C	D
611	Titanium	1.50	2.50	3.00-7.00	0.8
651	Titanium	1.50	2.50	2.00-5.60	1.45

Designed in conjunction with Bruce Gantz, MD, Iowa City, IA

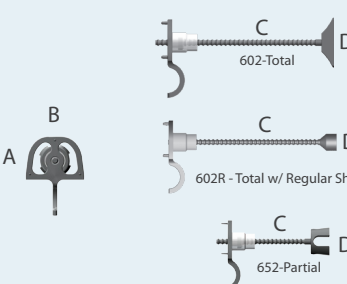
ALTO BYTE



Cat. #	Material	A	B	C	D
655B	Titanium	3.00	3.00	2.00 - 5.60	Adjustable
654	Titanium	1.50	2.50	2.00 - 5.60	Adjustable

May not be available in all countries

OWENS ASSURE ALTO



Cat. #	Material	A	B	C	D
602	Titanium	2.00	2.50	3.00-7.00	0.8x2.3
602R	Titanium	2.00	2.50	3.00-7.00	0.8
652	Titanium	2.00	2.50	2.00-5.60	1.45

Designed in conjunction with Robert Owens, MD, Dallas, TX

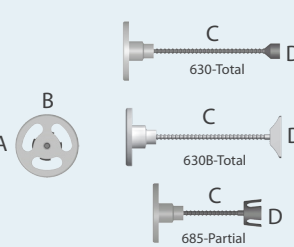
SILVERSTEIN ALTO W/ TACK



Cat. #	Material	A	B	C	D
601	Titanium	2.50	3.50	3.00-7.00	0.8

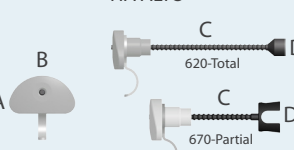
Designed in conjunction with Herb Silverstein, MD, Sarasota, FL

HA LITE ALTO



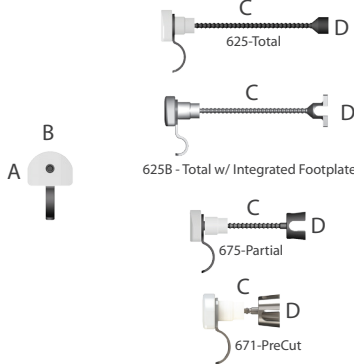
Cat. #	Material	A	B	C	D
630	Ti/HA	3.00	3.00	3.00-7.00	0.8
630B	Ti/HA	3.00	3.00	3.00-7.00	0.8x2.3
685	Ti/HA	3.00	3.00	2.00-5.60	1.45

HA ALTO



Cat. #	Material	A	B	C	D
620	Ti/HA	1.80	3.00	3.00-7.00	0.8
670	Ti/HA	1.80	3.00	2.00-5.60	1.45

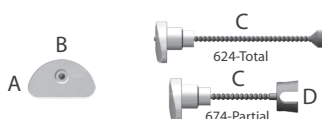
BOJRAB ALTO



Cat. #	Material	A	B	C	D
625	Ti/HA	1.50	2.00	3.00-7.00	0.8
625B	Ti/HA	1.50	2.00	3.00-7.00	0.86x1.27
675	Ti/HA	1.50	2.00	2.00-5.60	1.45
671	Ti/HA	1.50	2.00	2.00-2.50	1.45

Designed in conjunction with Dennis Bojrab, MD, Farmington Hills, MI

SATALOFF ALTO



Cat. #	Material	A	B	C	D
624	Ti/HA	1.80	3.00	3.00-7.00	0.8
674	Ti/HA	1.80	3.00	2.00-5.60	1.45

Designed in conjunction with Robert Sataloff, MD, Philadelphia, PA

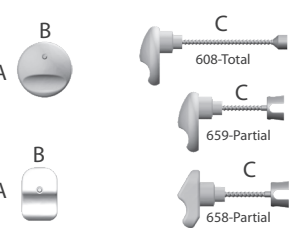
WEDGE INCUS STRUT



Cat. #	Material	A	B	C	D
657	Titanium	2.30	1.50	1.75-2.25	1.45
656	Titanium	2.30	1.50	2.25-3.50	1.45

Designed in conjunction with Cliff Megerian, MD, Cleveland, OH, Dennis Bojrab, MD, Farmington Hills, MI, Joseph Chen, MD, Toronto, Ontario, Canada

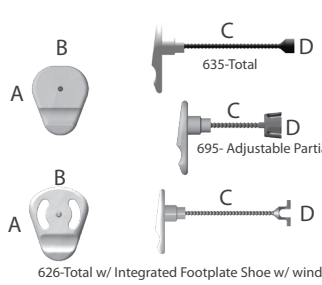
HABERMAN ALTO



Cat. #	Material	A	B	C	D
608	Ti/HA	3.30	3.30	3.00-7.00	0.8
659	Ti/HA	3.30	3.30	2.00-5.60	1.45
658	Ti/HA	3.00	2.00	2.00-5.60	1.45

Designed in conjunction with Rex Haberman, MD, Minneapolis, MN

DORNHOFFER ALTO



Cat. #	Material	Head	A	B	C	D
635	Ti/HA	w/o windows	4.00	3.25	3.00-7.00	0.8
637	Ti/HA	with windows	4.00	3.25	3.00-7.00	0.8
626	Ti/HA	with windows	4.00	3.25	3.00-7.00	0.86x1.27
695	Ti/HA	w/o windows	4.00	3.25	2.00-5.60	1.45
687	Ti/HA	with windows	4.00	3.25	2.00-5.60	1.45
690	Ti/HA	w/o windows	4.00	3.25	2.00	1.45
691	Ti/HA	with windows	4.00	3.25	2.00	1.45

Designed in conjunction with John Dornhoffer, MD, Little Rock, AR

DORNHOFFER FOOTPLATE SHOE



Cat. #	Material	ID	Length	Width	Height
636-080	Titanium	0.8	1.40	1.09	1.14

Designed in conjunction with John Dornhoffer, MD, Little Rock, AR

MORETZ DELTA ALTO



Cat. #	Material	A	C	D
647	Ti/HA	2.20	3.00-7.00	0.8
697	Ti/HA	2.20	2.00-5.60	1.45

Designed in conjunction with William Moretz, MD, Augusta, GA

MORETZ ALTO



Cat. #	Material	A	B	C	D
612-001L	Ti/HA	1.9	5.6	3.00-7.00	0.8
612-002R	Ti/HA	1.9	5.6	3.00-7.00	0.8

Designed in conjunction with William Moretz, MD, Augusta, GA

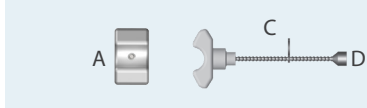
VINCENT TOTAL



Cat. #	Material	A	B	C	D
280	HA/Flpl	2.50	2.00	8.60	0.4

Designed in conjunction with Robert Vincent, MD, Causse Ear Clinic, Béziers, France

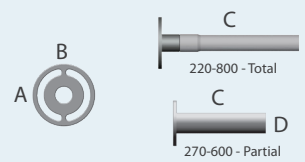
VINCENT ALTO W/ BAND



Cat. #	Head Design	Material	A	C	D
614	Vincent	HA/Titanium	2.00 x 3.30	3.00 - 7.00	0.8
617	Centered	Titanium	3.00	3.00 - 7.00	0.8
618	HA Lite	HA/Titanium	3.00	3.00 - 7.00	0.8
619	Bojrab	HA/Titanium	2.00 x 1.50	3.00 - 7.00	0.8

Designed in conjunction with Robert Vincent, MD, Causse Ear Clinic, Béziers, France
Not available for sale in the US

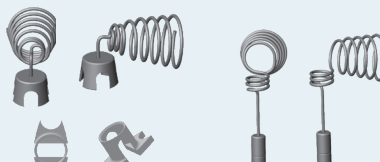
STRASNICK TILT-TOP



Cat. #	Material	A	B	C	D
270-600	Titanium/Otosil	3.00	3.00	6.10	1.10
220-800	Titanium/Otosil	3.00	3.00	8.00	0.9

Designed in conjunction with Barry Strasnack, MD, Norfolk,

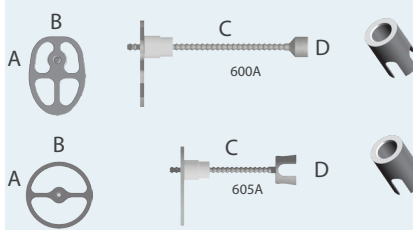
KRAUS K-HELIX



Cat. #	Material	Type
756-300	Titanium	Crown
757-300	Titanium	Piston
636-060	Titanium	Footplate Shoe, 0.6 ID

Designed by Eric Kraus, MD, Greensboro, NC

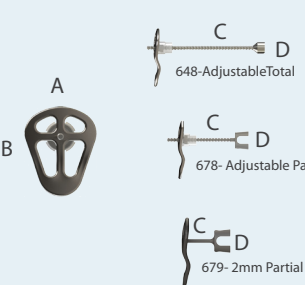
DUO ALTO TOTAL W/ STAPES ADAPTER



Cat. #	Material	A	B	C	D	E
600A	Offset Titanium	2.50	3.50	2.00-7.00	0.8	1.45
605A	Centered Titanium	3.00	3.00	2.00-7.00	0.8	1.45

Designed in conjunction with Howard Francis, MD, Baltimore, MD

Gluth ALTO



Cat. #	Material	A	B	C	D
648	Titanium	3.25	4.00	3.00-7.00	0.8
678	Titanium	3.25	4.00	2.00-5.60	1.45
679	Titanium	3.25	4.00	2.00	1.45

Designed in conjunction with Michael Gluth, MD, Chicago, IL

PRECISE HA LITE

Partial		Total		
Cat. #	Length	Material	Cat. #	Length
770-175	1.75	HA/Titanium	720-300	3.00
770-200	2.00		720-325	3.25
770-225	2.25		720-350	3.50
770-250	2.50		720-375	3.75
770-275	2.75		720-400	4.00
770-300	3.00		720-425	4.25
770-325	3.25		720-450	4.50
770-350	3.50		720-475	4.75
770-375	3.75		720-500	5.00
770-400	4.00		720-525	5.25
770-425	4.25		720-550	5.50
770-450	4.50		720-575	5.75
			720-600	6.00
			720-625	6.25
			720-650	6.50
			720-675	6.75
			720-700	7.00

Designed in conjunction with Michael Hoffer, MD, San Diego, CA

PRECISE OFFSET TITANIUM

Partial		Total		
Cat. #	Length	Material	Cat. #	Length
751-075	0.75	Titanium	700-300	3.00
751-100	1.00		700-325	3.25
751-125	1.25		700-350	3.50
751-150	1.50		700-375	3.75
750-175	1.75		700-400	4.00
750-200	2.00		700-425	4.25
750-225	2.25		700-450	4.50
750-250	2.50		700-475	4.75
750-275	2.75		700-500	5.00
750-300	3.00		700-525	5.25
750-325	3.25		700-550	5.50
750-350	3.50		700-575	5.75
750-375	3.75		700-600	6.00
750-400	4.00		700-625	6.25
750-425	4.25		700-650	6.50
750-450	4.50		700-675	6.75
			700-700	7.00

PRECISE CENTERED TITANIUM

Partial		Total		
Cat. #	Length	Material	Cat. #	Length
765-075	0.75	Titanium	705-300	3.00
765-100	1.00		705-325	3.25

990-001 Cartilage Microtome Blades (6/Box)
990-002 Cartilage Microtome Blades (6/Box)



- Accurate and consistent measurements
- Broad thickness range [0.1mm up to 0.9mm]
- Simple to assemble and operate
- Eliminates need for distance plates
- Safeguard for hands and fingers
- Stability to safely guide cutting motion

Cartilage MICROTOME



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The Grace ALTO line offers a unique patented method that makes the ALTO the only non-clip adjustable length titanium design in otology today. This advantage allows the surgeon to adjust the prosthesis even after initial sizing, trimming and placement. The prosthesis can be lengthened or shortened in precise .25mm increments. Each ALTO product is packaged in the patented ALTO adjuster which simplifies the need to properly size the implant.



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