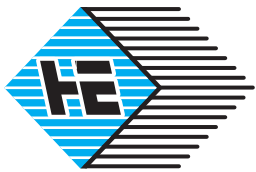




RHINOLOGY

VO-6751 - to - VO-6933

Olten
Instruments



RHINOLOGY

RHINOLOGY

Septum Knife, Swivel Knife, Septum Elevator,

Olten
Instruments



REF #	SIZE cm	SIZE in
VO-6751	19.0 cm	7½"

Freer
Septum Knife



REF #	SIZE cm	SIZE in
VO-6752	19.0 cm	7½"

Freer
Septum Knife



REF #	SIZE cm	SIZE in	SHAPE
VO-6753	21.0 cm	8¼"	3.0 mm
VO-6754	21.0 cm	8¼"	4.0 mm
VO-6755	21.0 cm	8¼"	5.0 mm

Ballenger
Swivel Knife



REF #	SIZE cm	SIZE in	SHAPE
VO-6756	20.0 cm	8"	3.0 mm
VO-6757	20.0 cm	8"	4.0 mm
VO-6758	20.0 cm	8"	5.0 mm

Ballenger
Swivel Knife



REF #	SIZE cm	SIZE in
VO-6759	16.5 cm	6½"

Bruenings
Septum Knife



REF #	SIZE cm	SIZE in	SHAPE
VO-6760	15.0 cm	6"	4 mm
VO-6761	15.0 cm	6"	5 mm

McKenty
Septum Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6762	16.0 cm	6¼"	3.5 mm

Halle
Septum Elevator



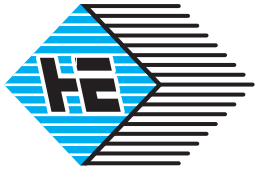
REF #	SIZE cm	SIZE in	SHAPE
VO-6763	16.0 cm	6¼"	4 mm

Joseph
Septum Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6764	19.0 cm	7½"	5 mm sharp

Freer
Septum Elevator



RHINOLOGY
RHINOLOGY
Septum Elevator,

Olten
Instruments



REF # SIZE cm SIZE in SHAPE
VO-6765 19.0 cm 7½" 6 mm

blunt

Freer
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6766 18.5 cm 7¼" 5/5 mm

sharp / blunt

Freer
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6767 20.0 cm 8" 6/5 mm

Freer
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6768 20.0 cm 8" 4/4 mm

McKenty
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6769 19.0 cm 7½" 6/6 mm

Ballenger-Hajek
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6770 23.5 cm 9¼" 5/5 mm

Cottle
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6771 18.0 cm 7" 4/4 mm

Killian
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6772 23.0 cm 9" 4.5/4.5 mm

Killian
Septum Elevator



REF # SIZE cm SIZE in SHAPE
VO-6773 21.5 cm 8½" 4/4 mm

Pennington
Septum Elevator



RHINOLOGY

RHINOLOGY

Septum Elevator, Periosteal Elevator, Septum Chisel,
Septum Gouge

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
VO-6774	19.5 cm	7¾"	4/4 mm

Roger
Septum Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6775	21.5 cm	8½"	4 mm

Joseph-Masing
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6776	23.0 cm	9"	3.3/3.7 mm

Cottle
Septum Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6777	19.5 cm	7¾"	3/2 mm

Masing
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6778	22.0 cm	8¾"	4.5/4.5 mm

Cottle
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6779	18.0 cm	7"	6.5 mm

Joseph
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
VO-6780	16.0 cm	6¼"	4 mm

Freer
Septum Chisel



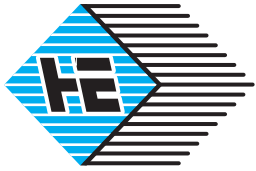
REF #	SIZE cm	SIZE in	SHAPE
VO-6781	16.5 cm	6½"	4 mm

Freer
Septum Chisel



REF #	SIZE cm	SIZE in	SHAPE
VO-6782	15.0 cm	6"	6 mm

Freer
Septum Gouge



RHINOLOGY
RHINOLOGY
Septum Gouge, Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6783	15.0 cm	6"	2 mm
VO-6784	15.0 cm	6"	4 mm
VO-6785	15.0 cm	6"	6 mm
VO-6786	15.0 cm	6"	8 mm

Ballenger
Septum Gouge



REF #	SIZE cm	SIZE in	SHAPE
VO-6787	17.0 cm	6¾"	5 mm

Killian
Septum Gouge



REF #	SIZE cm	SIZE in	SHAPE
VO-6788	16.0 cm	6¼"	5 mm

Killian-Claus
Septum Gouge



REF #	SIZE cm	SIZE in	SHAPE
VO-6789	18.5 cm	7½"	4 mm
VO-6790	18.5 cm	7½"	7 mm
VO-6791	18.5 cm	7½"	9 mm
VO-6792	18.5 cm	7½"	12 mm

Straight

Cottle
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6793	18.5 cm	7½"	6 mm

Curved

Cottle
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6794	18.5 cm	7½"	2 mm
VO-6795	18.5 cm	7½"	4 mm
VO-6796	18.5 cm	7½"	7 mm
VO-6797	18.5 cm	7½"	9 mm
VO-6798	18.5 cm	7½"	12 mm

Straight

Cottle
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6799	18.5 cm	7½"	6 mm

Curved

Cottleandard
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6800	18.5 cm	7½"	16 mm

Straight

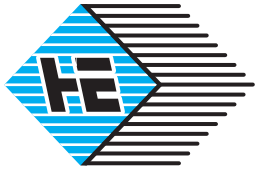
Cottle
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
VO-6801	18.5 cm	7½"	16 mm

Curved

Cottle
Osteotome



RHINOLOGY

RHINOLOGY

Osteotome, Gouge, Rhinoplastic Chisel

Olten
Instruments



Rubin
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
VO-6802	18.5 cm	7 1/4"	10 mm
VO-6803	18.5 cm	7 1/4"	12 mm
VO-6804	18.5 cm	7 1/4"	14 mm



Walter
Gouge

REF #	SIZE cm	SIZE in	SHAPE
VO-6805	19.0 cm	7 1/2"	3.0 mm
VO-6806	19.0 cm	7 1/2"	4.5 mm



Walter
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
VO-6807	19.0 cm	7 1/2"	3 mm
VO-6808	19.0 cm	7 1/2"	4 mm
VO-6809	19.0 cm	7 1/2"	7 mm
VO-6810	19.0 cm	7 1/2"	9 mm
VO-6811	19.0 cm	7 1/2"	12 mm



Fomon
Chisel

REF #	SIZE cm	SIZE in	SHAPE
VO-6812	17.0 cm	6 3/4"	4 mm
VO-6813	17.0 cm	6 3/4"	5 mm
VO-6814	17.0 cm	6 3/4"	6 mm
VO-6815	17.0 cm	6 3/4"	7 mm



Cinelli
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
VO-6816	16.0 cm	6 1/4"	10 mm
VO-6817	16.0 cm	6 1/4"	12 mm
VO-6818	16.0 cm	6 1/4"	14 mm
VO-6819	16.0 cm	6 1/4"	16 mm



Neivert-Anderson
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
VO-6820	20.0 cm	8"	Fig.1
VO-6821	20.0 cm	8"	Fig.2
VO-6822	20.0 cm	8"	Fig.3

Fig.1
7 mm
straight

Fig.2
7 mm
inward curved

Fig.3
7 mm
outward curved



Sheehan
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
VO-6823	15.0 cm	6"	1 mm
VO-6824	15.0 cm	6"	2 mm
VO-6825	15.0 cm	6"	3 mm
VO-6826	15.0 cm	6"	4 mm
VO-6827	15.0 cm	6"	5 mm
VO-6828	15.0 cm	6"	6 mm
VO-6829	15.0 cm	6"	7 mm
VO-6830	15.0 cm	6"	8 mm
VO-6831	15.0 cm	6"	10 mm
VO-6832	15.0 cm	6"	12 mm



Silver
Rhinoplastic Chisel

REF #	SIZE cm	SIZE in	SHAPE
VO-6833	18.0 cm	7"	Fig.1
VO-6834	18.0 cm	7"	Fig.2
VO-6835	18.0 cm	7"	Fig.3

Fig.1
5 mm
straight

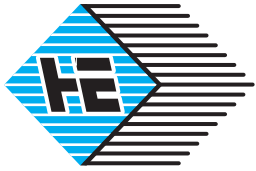
Fig.2
5 mm
left

Fig.3
5 mm
right



Parkes
Osteotome

REF #	SIZE cm	SIZE in
VO-6836	16.0 cm	6 1/4"



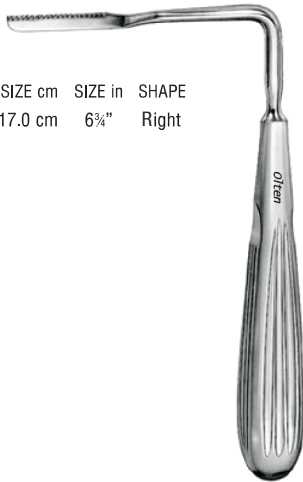
RHINOLOGY

RHINOLOGY

Nasal Saw, T-Handle, Guide Support, Cartilage Crusher, Nasal Rasp, Bone File

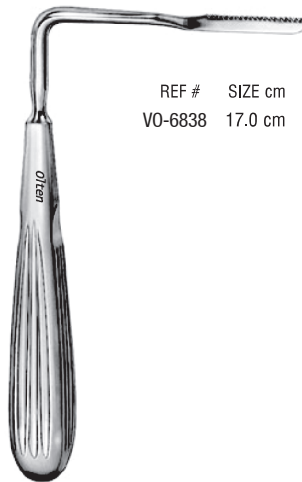
Oiten
Instruments

REF # SIZE cm SIZE in SHAPE
VO-6837 17.0 cm 6¾" Right



Joseph
Nasal Saw

REF # SIZE cm SIZE in SHAPE
VO-6838 17.0 cm 6¾" Left



Joseph
Nasal Saw

REF # SIZE cm SIZE in SHAPE
VO-6839 19.0 cm 7½" Fig.1
VO-6840 19.0 cm 7½" Fig.2
VO-6841 19.0 cm 7½" Fig.3

Fig.1
40 mm
straight

Fig.2
40 mm
right

Fig.3
40 mm
left



Joseph
Nasal Saw

REF # SIZE cm SIZE in
VO-6842 12.0 cm 4¾"



Cottle
T-Handle

7 mm wide
REF #
VO-6843



Cottle
Guide Support (for osteotomes)

REF #
VO-6844
65 x 30 x 30 mm



Cottle
Cartilage Crusher

REF # SIZE cm SIZE in SHAPE
VO-6845 18.0 cm 7" 40x9 mm



Maltz
Nasal Rasp

REF # SIZE cm SIZE in SHAPE
VO-6846 17.0 cm 6¾" Fig.1
VO-6847 17.0 cm 6¾" Fig.2

Fig.1
34x7 mm
drawing cut

Fig.2
34x7 mm
pushing cut



Maltz
Nasal Rasp

REF # SIZE cm SIZE in SHAPE
VO-6848 16.0 cm 6¼" 60x8 mm
VO-6849 16.0 cm 6¼" 45x9 mm



Joseph
Bone File



RHINOLOGY

RHINOLOGY

Antrum Rasp, Nasal Rasp, Glabella Rasp, Bone File,
Mucosa Hooklet, Nasal Hook

Olten
Instruments



Gallaher
Antrum Rasp

REF #	SIZE cm	SIZE in	SHAPE
VO-6850	17.0 cm	6 3/4"	Fig.1
VO-6851	17.0 cm	6 3/4"	Fig.2
VO-6852	17.0 cm	6 3/4"	Fig.3

Fig.1
45x6 mm
straight

Fig.2
45x6 mm
left

Fig.1
45x6 mm
right



Cottle
Nasal Rasp

REF #	SIZE cm	SIZE in	SHAPE
VO-6853	20.0 cm	8"	30x8 mm



Aufrecht
Glabella Rasp

REF #	SIZE cm	SIZE in	SHAPE
VO-6854	21.0 cm	8 1/4"	Fig.1
VO-6855	21.0 cm	8 1/4"	Fig.2

Fig.1
32x9 mm
pushing cut

Fig.2
32x9 mm
drawing cut



Lewis
Nasal Rasp

REF #	SIZE cm	SIZE in	SHAPE
VO-6856	19.0 cm	7 1/2"	Fig.1
VO-6857	19.0 cm	7 1/2"	Fig.2

Fig.1
15x8 mm
Fine drawing cut

Fig.2
15x8 mm
coarse drawing cut



Fomon
Bone File

REF #	SIZE cm	SIZE in	SHAPE
VO-6858	20.0 cm	8"	30x8 mm



Fomon
Nasal Rasp

REF #	SIZE cm	SIZE in	SHAPE
VO-6859	20.0 cm	8"	Fig.1
VO-6860	20.0 cm	8"	Fig.2
VO-6861	20.0 cm	8"	Fig.3
VO-6862	20.0 cm	8"	Fig.4
VO-6863	20.0 cm	8"	Fig.5

Fig.1
30x8 mm
fig 1 / 2

Fig.2
40x7 mm
fig 3 / 4

Fig.3
40x7 mm
fig 5 / 6

Fig.4
40x7 mm
fig 7 / 8

Fig.5
40x7 mm
fig 9 / 10

**Tungsten Carbide
Inserted (TC)**



Joseph
Mucosa Hooklet

REF #	SIZE cm	SIZE in	SHAPE
VO-6864	16.0 cm	6 1/4"	sharp



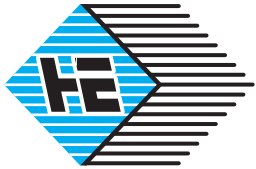
Cottle
Nasal Hook

REF #	SIZE cm	SIZE in	SHAPE
VO-6865	17.0 cm	6 3/4"	sharp



Cottle
Nasal Hook

REF #	SIZE cm	SIZE in	SHAPE
VO-6866	14.5 cm	5 3/4"	sharp



RHINOLOGY

RHINOLOGY

Alar Hooklet, Nasal Retractor, Mucosa Hooklet

Olten
Instruments



REF # SIZE cm SIZE in
VO-6867 23.0 cm 9"

button end

Lange
Alar Hooklet



Converse
Nasal Retractor

REF # SIZE cm SIZE in SHAPE
VO-6868 9.0 cm 3½" 18x9.5 mm
VO-6869 9.0 cm 3½" 28x12.5 mm
VO-6870 9.0 cm 3½" 41x13.5 mm
VO-6871 9.0 cm 3½" 53x13.5 mm



REF # SIZE cm SIZE in
VO-6872 17.0 cm 6¾"

button end

Fomon
Alar Hooklet



REF # SIZE cm SIZE in SHAPE
VO-6873 19.0 cm 7½" 40x12 mm

Aufrecht
Nasal Retractor



Kilner
Alar Hooklet

REF # SIZE cm SIZE in SHAPE
VO-6874 8.0 cm 3¼" sharp



Converse
Nasal Retractor

REF # SIZE cm SIZE in SHAPE
VO-6875 10.5 cm 4" 44x11 mm



Converse
Alar Hooklet

REF # SIZE cm SIZE in SHAPE
VO-6876 11.5 cm 4½" sharp



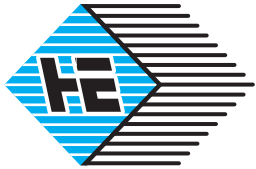
Freer
Mucosa Hooklet

REF # SIZE cm SIZE in SHAPE
VO-6877 15.0 cm 6" sharp



Joseph
Mucosa Hooklet

REF # SIZE cm SIZE in SHAPE
VO-6878 16.5 cm 6½" 2 mm
VO-6879 16.5 cm 6½" 5 mm
VO-6880 16.5 cm 6½" 7 mm
VO-6881 16.5 cm 6½" 10 mm



RHINOLOGY

RHINOLOGY

Alar Hooklet, Nasal Retractor, Saddle Hook, Septum Forceps

Olten
Instruments



REF # SIZE cm SIZE in
VO-6882 16.0 cm 6 1/4"

button end

Fomon
Alar Hooklet



REF # SIZE cm SIZE in
VO-6883 19.5 cm 7 3/4"

Cottle-Neivert
Alar Hooklet



REF # SIZE cm SIZE in SHAPE
VO-6884 14.5 cm 5 3/4" Sharp/Sharp
VO-6885 14.5 cm 5 3/4" Blunt/Blunt
VO-6886 14.5 cm 5 3/4" Sharp/Blunt

Cottle
Alar Hooklet



REF # SIZE cm SIZE in SHAPE
VO-6887 14.0 cm 5 1/2" 4-Prong/Blunt

Cottle
Nasal Retractor



REF # SIZE cm SIZE in
VO-6888 17.0 cm 6 3/4"

Neivert
Alar Hooklet



REF # SIZE cm SIZE in
VO-6889 14.0 cm 5 1/2"

Cottle
Saddle Hook



REF # SIZE cm SIZE in
VO-6890 16.0 cm 6 1/4"

Cottle
Alar Hooklet



REF # SIZE cm SIZE in
VO-6891 13.0 cm 5 1/4"

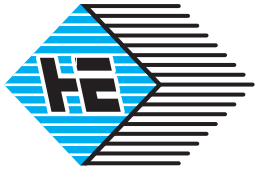
blade
60x6.5 mm
hook
blunt

Aufrecht
Nasal Retractor



REF # SIZE cm SIZE in
VO-6892 21.0 cm 8 1/4"

Kressner
Septum Forceps



RHINOLOGY

RHINOLOGY

Septum Straightening Forceps, Columella Suturing Forceps,
Skin Grasping Forceps, Columella Forceps, Adenoid Curette

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
VO-6893	23.0 cm	9"	Fig.1
VO-6894	23.0 cm	9"	Fig.2
VO-6895	23.0 cm	9"	Fig.3

Fig.1
straight

Fig.2
left

Fig.3
right

Cottle-Walsham
Septum Straightening Forceps



REF #	SIZE cm	SIZE in
VO-6896	22.5 cm	8¾"

Asch
Septum Straightening Forceps



REF #	SIZE cm	SIZE in	SHAPE
VO-6897	16.0 cm	6¼"	5 mm

Aiach
Columella Suturing Forceps



REF #	SIZE cm	SIZE in	SHAPE
VO-6898	11.0 cm	4¼"	4 mm

Ogura
Skin Grasping Forceps



REF #	SIZE cm	SIZE in	SHAPE
VO-6899	14.0 cm	5½"	1.7 mm

with teeth

Cottle
Skin Grasping Forceps



REF #	SIZE cm	SIZE in	SHAPE
VO-6900	11.0 cm	4¼"	12 mm

Cottle
Columella Forceps



REF #	SIZE cm	SIZE in	SHAPE
VO-6901	22.0 cm	8¾"	13 mm
VO-6902	22.0 cm	8¾"	15 mm
VO-6903	22.0 cm	8¾"	17 mm
VO-6904	22.0 cm	8¾"	19 mm
VO-6905	22.0 cm	8¾"	21 mm
VO-6906	22.0 cm	8¾"	23 mm

Beckmann
Adenoid Curette



REF #	SIZE cm	SIZE in	SHAPE
VO-6907	22.0 cm	8¾"	13 mm
VO-6908	22.0 cm	8¾"	15 mm
VO-6909	22.0 cm	8¾"	17 mm
VO-6910	22.0 cm	8¾"	19 mm
VO-6911	22.0 cm	8¾"	21 mm
VO-6912	22.0 cm	8¾"	23 mm

Beckmann
Adenoid Curette



REF #	SIZE cm	SIZE in	SHAPE
VO-6913	22.0 cm	8¾"	16 mm
VO-6914	22.0 cm	8¾"	17 mm
VO-6915	22.0 cm	8¾"	18 mm
VO-6916	22.0 cm	8¾"	20 mm
VO-6917	22.0 cm	8¾"	21 mm

trapezoidal fenestrated

Beckmann
Adenoid Curette



RHINOLOGY

RHINOLOGY

Antrum Irrigation Cannula, Suction Raspatory,
Frontal Sinus Dilator, Coakley Curette

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
VO-6918	14.0 cm	5½"	Ø 3 mm

Eicken-Killian
Antrum Irrigation Cannula



REF #	SIZE cm	SIZE in	SHAPE
VO-6919	15.0 cm	6"	Ø 1.5 mm
VO-6920	15.0 cm	6"	Ø 1.7 mm
VO-6921	15.0 cm	6"	Ø 2.0 mm
VO-6922	15.0 cm	6"	Ø 2.5 mm
VO-6923	15.0 cm	6"	Ø 3.0 mm

Siebenmann
Antrum Irrigation Cannula



REF #	SIZE cm	SIZE in
VO-6924	19.0 cm	7½"

Guilen
Suction Raspatory
with Wire

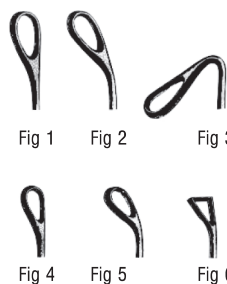


REF #	SIZE cm	SIZE in	SHAPE
VO-6925	14.5 cm	5¾"	2.5 mm
VO-6926	14.5 cm	5¾"	3.0 mm
VO-6927	14.5 cm	5¾"	4.0 mm

Ritter-Halle
Frontal Sinus Dilator



Coakley
Curette



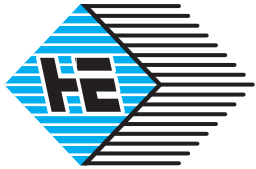
REF #	SIZE cm	SIZE in	SHAPE
VO-6928	17.0 cm	6¾"	Fig 1
VO-6929	17.0 cm	6¾"	Fig 2
VO-6930	17.0 cm	6¾"	Fig 3
VO-6931	17.0 cm	6¾"	Fig 4
VO-6932	17.0 cm	6¾"	Fig 5
VO-6933	17.0 cm	6¾"	Fig 6



**ORAL MAXILLO
FACIAL SURGERY**

WO-6971- to - WO-7183

Olten
Instruments



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Elevator, Graft Packer, Periosteal Elevator, Sinus Lift Curette

olten
Instruments



REF # SIZE cm SIZE in
WO-6971 17.0 cm 6¾"

5.0 / 8.0 mm

Terry
Elevator



REF # SIZE cm SIZE in
WO-6972 11.0 cm 4¼"

Terry
Graft Packer



REF # SIZE cm SIZE in
WO-6973 13.0 cm 5"

Standard
Graft Packer



REF # SIZE cm SIZE in
WO-6974 18.0 cm 7"

3.0 / 7.0 mm

Terry
Periosteal Elevator



REF # SIZE cm SIZE in
WO-6975 18.0 cm 7"

2.6 / 2.6 mm

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in	SHAPE
WO-6976	18.0 cm	7"	2.6/2.6 mm
WO-6977	18.0 cm	7"	4.1/4.1 mm
WO-6978	18.5 cm	7¼"	4.1/4.1 mm

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in	SHAPE
WO-6979	18.5 cm	7¼"	6.7/6.7 mm

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in	SHAPE
WO-6980	19.0 cm	7½"	6.7/6.7 mm

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in	SHAPE
WO-6981	16.0 cm	6¼"	2.8/6.2 mm

Standard
Sinus Lift Curette



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY
Sinus Lift Curette, Burr

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-6982	15.0 cm	6"	3.1/3.1 mm
WO-6983	17.0 cm	6 3/4"	5.6/5.6 mm

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in
WO-6984	16.5 cm	6 1/2"

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in
WO-6985	16.5 cm	6 1/2"

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in
WO-6986	14.0 cm	5 1/2"

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in
WO-6987	15.0 cm	6"

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in
WO-6988	15.0 cm	6"

Standard
Sinus Lift Curette



REF #	SIZE cm	SIZE in	SHAPE
WO-6989	4.5 cm	1 3/4"	10 mm

for vertical cuts in the
buccal aspect of
the mandible

Lindemann
Burr



REF #	SIZE cm	SIZE in	SHAPE
WO-6990	6.5 cm	2 1/2"	22 mm

for vertical cuts in the
buccal aspect of
the mandible

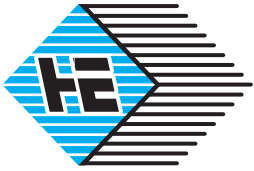
Lindemann
Burr



REF #	SIZE cm	SIZE in	SHAPE
WO-6991	8.0 cm	3 1/4"	35 mm

for vertical cuts in the
buccal aspect of
the mandible

Lindemann
Burr



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Napkin Holder, Finger Protector, Mouth Gag,

Olten
Instruments

REF #
WO-6992



Adams
Napkin Holder

REF # SIZE cm SIZE in SHAPE
WO-6993 7.0 cm 2¾" 21 mm



Langenbeck
Finger Protector

REF # SIZE cm SIZE in
WO-6994 9.5 cm 3¾"



Maunder
Mouth Gag

REF # SIZE cm SIZE in
WO-6995 13.0 cm 5"



Heister
Mouth Gag

REF # SIZE cm SIZE in
WO-6996 11.0 cm 4¼"



Obwegeser
Mouth Gag

REF # SIZE cm SIZE in
WO-6997 11.0 cm 4¼"



Molt
Mouth Gag

REF # SIZE cm SIZE in
WO-6998 13.0 cm 5"



Molt
Mouth Gag

REF # SIZE cm SIZE in SHAPE
WO-6999 13.0 cm 5" 16 mm



Denhart
Mouth Gag

REF # SIZE cm SIZE in
WO-7000 16.0 cm 6¼"
WO-7001 20.0 cm 8"



Roser-Konig
Mouth Gag



ORAL MAXILLO-FACIAL SURGERY ORAL MAXILLO-FACIAL SURGERY Mouth Gag, Chest Support, Tongue Depressor

olten
Instruments



Kilner-Doughty
Mouth Gag (complete set)

REF #	SIZE cm	SIZE in
WO-7002	14.5 cm	5 3/4"

With 3 blades
WO-7003
WO-7004
WO-7005

REF #	SIZE cm	SIZE in	SHAPE
WO-7003	13.5 cm	5 1/4"	70x29 mm
WO-7004	13.5 cm	5 1/4"	80x34 mm
WO-7005	13.5 cm	5 1/4"	85x38 mm

fenestrated blade for suction



Kilner-Doughty
Tongue Depressor



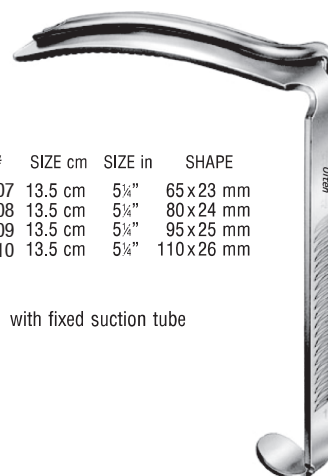
Davis-Boyle
Mouth Gag (complete set)

REF #	SIZE cm	SIZE in
WO-7006	14.5 cm	5 3/4"

With 5 blades
WO-7007
WO-7008
WO-7009
WO-7010
WO-7011

REF #	SIZE cm	SIZE in	SHAPE
WO-7007	13.5 cm	5 1/4"	65x23 mm
WO-7008	13.5 cm	5 1/4"	80x24 mm
WO-7009	13.5 cm	5 1/4"	95x25 mm
WO-7010	13.5 cm	5 1/4"	110x26 mm

with fixed suction tube



Davis-Boyle
Tongue Depressor



Davis-Boyle
Tongue Depressor

REF #	SIZE cm	SIZE in	SHAPE
WO-7011	13.5 cm	5 1/4"	30x20 mm

without suction tube



Kilner-Doughty
Chest Support

REF #
WO-7012
adjustable height

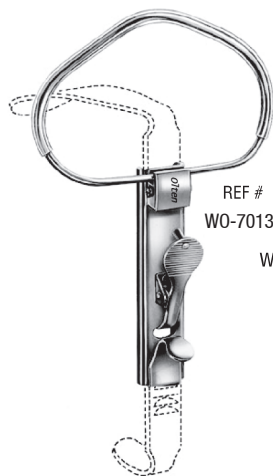


ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Mouth Gag, Tongue Depressor, Lip & Cheek Retractor, Vestibulum Retractor

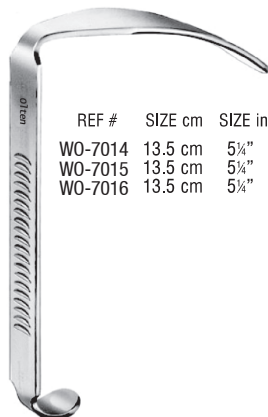
olten
Instruments



REF #	SIZE cm	SIZE in
WO-7013	15.0 cm	6"

With 3 blades
WO-7014
WO-7015
WO-7016

Mclvor
Mouth Gag (Complete Set)



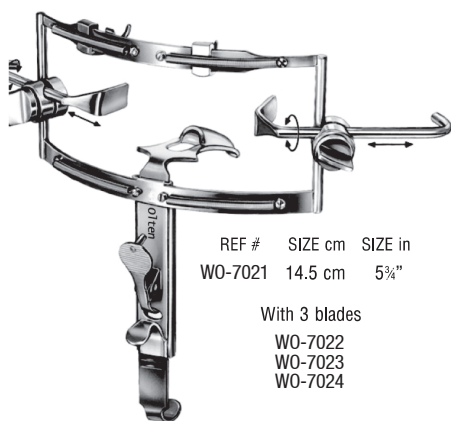
Mclvor
Tongue Depressor

REF #	SIZE cm	SIZE in	SHAPE
WO-7014	13.5 cm	5¼"	75 x 23 mm
WO-7015	13.5 cm	5¼"	85 x 25 mm
WO-7016	13.5 cm	5¼"	100 x 26 mm



Jennings
Mouth Gag

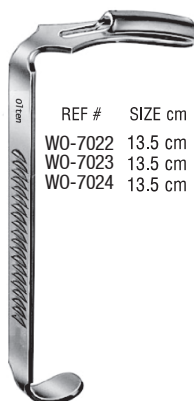
REF #	SIZE cm	SIZE in
WO-7017	10.5 cm	4¼"
WO-7018	12.5 cm	5"
WO-7019	14.5 cm	5¾"
WO-7020	16.5 cm	6½"



REF #	SIZE cm	SIZE in
WO-7021	14.5 cm	5¾"

With 3 blades
WO-7022
WO-7023
WO-7024

Dingmann
Mouth Gag (Complete Set)



Dingmann
Tongue Depressor

REF #	SIZE cm	SIZE in	SHAPE
WO-7022	13.5 cm	5¼"	65 x 25 mm
WO-7023	13.5 cm	5¼"	70 x 29 mm
WO-7024	13.5 cm	5¼"	80 x 32 mm

REF #	SIZE cm	SIZE in	SHAPE
WO-7025	9.5 cm	3¾"	95 mm
WO-7026	10.0 cm	4"	110 mm
WO-7027	10.5 cm	4"	115 mm
WO-7028	11.0 cm	4¼"	120 mm



Oringer
Lip and Cheek Retractor

self retaining



Simplex
Cheek Retractor

REF #	SIZE cm	SIZE in
WO-7029	10.5 cm	4"



Standard
Vestibulum Retractor

REF #	SIZE cm	SIZE in
WO-7030	14.0 cm	5½"



Sternberg
Lip and Cheek Retractor

REF #	SIZE cm	SIZE in
WO-7031	12.0 cm	4¾"
WO-7032	16.0 cm	6¼"



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Lip & Cheek Retractor, Tongue Depressor, Tongue Spatula Forceps

Olten
Instruments



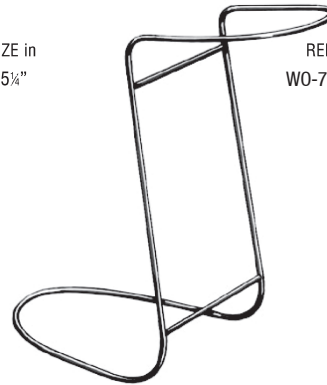
REF #	SIZE cm	SIZE in	SHAPE
WO-7033	15.0 cm	6"	20 mm

Cawood-Minnesota
Cheek Retractor



REF #	SIZE cm	SIZE in
WO-7034	13.5 cm	5¼"

Bishop
Lip and Cheek Retractor



REF #	SIZE cm	SIZE in
WO-7035	12.0 cm	4¾"

Obwegeser
Cheek Retractor



REF #	SIZE cm	SIZE in
WO-7036	14.5 cm	5¾"

fenestrated

Standard
Cheek Retractor



REF #	SIZE cm	SIZE in
WO-7037	16.0 cm	6¼"

wood

Standard
Tongue Spatula



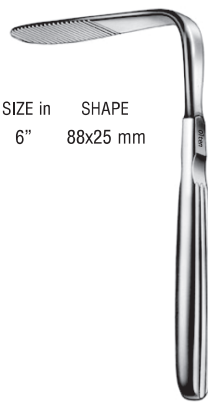
REF #	SIZE cm	SIZE in	SHAPE
WO-7038	14.0 cm	5½"	36 mm
WO-7039	15.0 cm	6"	43 mm

Wieder
Tongue Depressor



REF #	SIZE cm	SIZE in	SHAPE
WO-7040	15.0 cm	6"	72x23 mm

Tongue Depressor



REF #	SIZE cm	SIZE in	SHAPE
WO-7041	15.0 cm	6"	88x25 mm

Tobold
Tongue Depressor



REF #	SIZE cm	SIZE in	SHAPE
WO-7042	14.5 cm	5¾"	85x24 mm

Tobold
Tongue Depressor



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY
Tongue Spatula, Tongue Holding Forceps
Extra Oral Retractor, John Forcep

Oiten
Instruments



REF # SIZE cm SIZE in
WO-7043 15.0 cm 6"

Plastic

Standard
Tongue Spatula



REF # SIZE cm SIZE in
WO-7044 18.5 cm 7 1/4"

Nylon

Tongue Spatula



REF # SIZE cm SIZE in
WO-7045 13.5 cm 5 1/4"
WO-7046 16.0 cm 6 1/4"

Doyen
Tongue Spatula



REF # SIZE cm SIZE in
WO-7047 19.0 cm 7 1/2"

Bruenings
Tongue Spatula



REF # SIZE cm SIZE in
WO-7048 17.0 cm 6 3/4"

24x27 mm

Collin
Tongue Holding Forceps



REF # SIZE cm SIZE in
WO-7049 15.0 cm 6"

Young
Tongue Holding Forceps



REF # SIZE cm SIZE in
WO-7050 15.0 cm 6"
WO-7051 20.0 cm 8"
WO-7052 24.0 cm 9 1/2"

John Forcep



REF # SIZE cm SIZE in
WO-7053 22.0 cm 8 3/4"

9.5 / 16 mm
concave blade
fully bent tip

Standard
Extra Oral Retractor

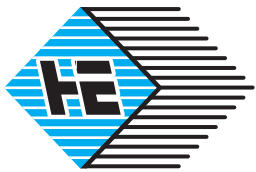


REF # SIZE cm SIZE in
WO-7054 25.5 cm 10"

9.5 / 16 mm
concave blade
fully bent tip

with fiberoptic light carrier

Standard
Extra Oral Retractor



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Intra Oral Retractor, Multi purpose Retractor, Soft Tissue Retractor

Olten
Instruments



REF # SIZE cm SIZE in SHAPE
WO-7055 23.0 cm 9" Fig.1

Fig.1
25.5 mm
for LeFort osteotomies

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7056 21.0 cm 8 1/4"

Left
26.5 / 16 mm

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7057 21.0 cm 8 1/4"

Right
26.5 / 16 mm

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7058 24.5 cm 9 3/4"

Left
26.5 / 16 mm
with fiberoptic light carrier

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7059 24.5 cm 9 3/4"

Right
26.5 / 16 mm
with fiberoptic light carrier

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7060 25.0 cm 9 3/4"

12.5 / 27 mm
L&M, for vertical osteotomy

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7061 28.0 cm 11"

12.5 / 27 mm
L&M, for vertical osteotomy
with fiberoptic light carrier

Standard
Intra Oral Retractor



REF # SIZE cm SIZE in
WO-7062 22.0 cm 8 3/4"

14.5 mm
with fiberoptic light carrier

Shea
Multi purpose Retractor



REF # SIZE cm SIZE in SHAPE
WO-7063 21.5 cm 8 1/2" 43x11 mm
WO-7064 21.5 cm 8 1/2" 57x11 mm
WO-7065 21.5 cm 8 1/2" 83x16 mm

Obwegeser
Soft Tissue Retractor



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY
Nasal Spine, Chin, Channel, Progeny Retractors
Ramus Retractor, Periosteal Elevator

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-7066	22.0 cm	8¾"	10x45 mm

Obwegeser
Nasal Spine Retractor



REF #	SIZE cm	SIZE in
WO-7067	22.0 cm	8¾"

72 x 10 mm

Obwegeser
Ramus Retractor



REF #	SIZE cm	SIZE in
WO-7068	16.5 cm	6½"

Obwegeser
Chin Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7069	17.0 cm	6¾"	8 mm
WO-7070	17.0 cm	6¾"	10 mm

Obwegeser
Channel Retractor



REF #	SIZE cm	SIZE in
WO-7071	15.0 cm	6"

Schuchardt
Progeny Retractor



REF #	SIZE cm	SIZE in
WO-7072	15.0 cm	6"

Schuchardt
Progeny Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7073	18.5 cm	7¼"	14x7 mm
WO-7074	18.5 cm	7¼"	20x7 mm

Standard
Retractor



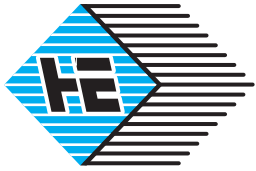
REF #	SIZE cm	SIZE in	SHAPE
WO-7075	18.0 cm	7"	3x18 mm

Standard
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
WO-7076	18.0 cm	7"	3.5x23 mm

Standard
Periosteal Elevator



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Periosteal Elevator, Wire Pusher, Disimpaction Forceps, Zygoma Elevator,

often
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-7077	17.5 cm	7"	6 mm /Blunt
WO-7078	17.5 cm	7"	7 mm /Blunt
WO-7079	17.5 cm	7"	9 mm /Blunt
WO-7080	17.5 cm	7"	11 mm /Blunt
WO-7081	17.5 cm	7"	6 mm/Sharp
WO-7082	17.5 cm	7"	7 mm/Sharp
WO-7083	17.5 cm	7"	9 mm/Sharp
WO-7084	17.5 cm	7"	11 mm/Sharp

Obwegeser
Periosteal Elevator



Obwegeser
Periosteal Elevator



Obwegeser
Periosteal Elevator



REF #	SIZE cm	SIZE in
WO-7089	17.0 cm	6 3/4"

Standard
Wire Pusher



Rowe
Disimpaction Forceps



Rowe
Disimpaction Forceps

REF #	SIZE cm	SIZE in	SHAPE
WO-7090	22.5 cm	9"	right
WO-7091	23.5 cm	9 1/4"	right
WO-7092	24.0 cm	9 1/2"	right

REF #	SIZE cm	SIZE in	SHAPE
WO-7093	22.5 cm	9"	left
WO-7094	23.5 cm	9 1/4"	left
WO-7095	24.0 cm	9 1/2"	left



REF #	SIZE cm	SIZE in
WO-7096	15.0 cm	6"

Rowe
Wire Pusher



Gillies
Zygoma Elevator

REF #	SIZE cm	SIZE in
WO-7097	20.0 cm	8"



Gillies
Zygoma Elevator

REF #	SIZE cm	SIZE in
WO-7098	10.5 cm	4"



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Zygoma Elevator, Retractor, Bone Holding Forceps, Measuring Forceps

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-7099	21.0 cm	8 1/4"	5.0 mm

Dingmann
Zygoma Elevator



REF #	SIZE cm	SIZE in
WO-7100	20.0 cm	8"

Dingmann-Wilk
Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7101	18.0 cm	7"	Fig.1
WO-7102	18.0 cm	7"	Fig.2

Fig.1
light pattern
for sagittal split procedure

Fig.2
heavy pattern
for sagittal split procedure

Jeter-Van Sickle
Bone Holding Forceps



REF #	SIZE cm	SIZE in	SHAPE
WO-7103	17.0 cm	6 3/4"	left
WO-7104	17.0 cm	6 3/4"	right

Keen
Bone Holding Forceps



REF #	SIZE cm	SIZE in
WO-7105	13.0 cm	5"

Steinhauser
Bone Holding Forceps



REF #	SIZE cm	SIZE in
WO-7106	13.0 cm	5"

Steinhauser
Bone Holding Forceps



REF #	SIZE cm	SIZE in
WO-7107	25.50 cm	10"

Wolford
Bone Holding Forceps



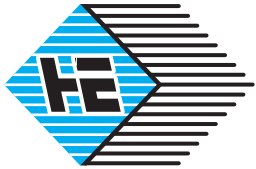
REF #	SIZE cm	SIZE in
WO-7108	16.0 cm	6 1/4"

Salzer
Bone Holding Forceps



REF #	SIZE cm	SIZE in
WO-7109	14.0 cm	5 1/2"

Sakamoto
Measuring Forceps



ORAL MAXILLO-FACIAL SURGERY
ORAL MAXILLO-FACIAL SURGERY
Lefort Retractor, Sinus Lift Retractor, Osteotome,

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-7110	22.0 cm	8 3/4"	right
WO-7111	22.0 cm	8 3/4"	left

Arnhem
Lefort Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7112	22.0 cm	8 3/4"	right
WO-7113	22.0 cm	8 3/4"	left

Arnhem
Sinus Lift Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7114	20.0 cm	8"	6 mm
WO-7115	20.0 cm	8"	8 mm

Bauer
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7116	20.0 cm	8"	6 mm
WO-7117	20.0 cm	8"	8 mm

Bauer
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7118	18.0 cm	7"	8 mm

Epker-Bauer
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7119	16.0 cm	6 1/4"	4 mm
WO-7120	16.0 cm	6 1/4"	6 mm
WO-7121	16.0 cm	6 1/4"	8 mm
WO-7122	16.0 cm	6 1/4"	10 mm
WO-7123	16.0 cm	6 1/4"	12 mm
WO-7124	16.0 cm	6 1/4"	14 mm
WO-7125	16.0 cm	6 1/4"	16 mm

Dautrey-Munro
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7126	16.5 cm	6 1/2"	4 mm
WO-7127	16.5 cm	6 1/2"	6 mm
WO-7128	16.5 cm	6 1/2"	8 mm

Dunn-Dautrey
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7129	17.0 cm	6 3/4"	Fig.1
WO-7130	17.0 cm	6 3/4"	Fig.2

Fig.1
slightly curved

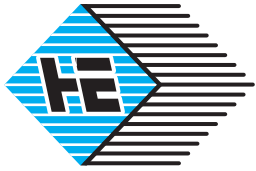
Fig.2
fully curved

Dunn-Dautrey
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7131	18.0 cm	7"	4x1.2 mm
WO-7132	18.0 cm	7"	6x1.2 mm
WO-7133	18.0 cm	7"	8x1.2 mm

Epker
Osteotome



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Osteotome, Lip & Cheek, Ramus, Mandibular Body, Periform Rim Retractor
Periosteal Elevator, Anterior Border Stripper,

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
WO-7134	18.0 cm	7"	4 x 1.2 mm
WO-7135	18.0 cm	7"	6 x 1.2 mm

Epker
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
WO-7136	18.0 cm	7"	6 x 1.2 mm
WO-7137	18.0 cm	7"	8 x 1.2 mm

Epker
Osteotome



REF #	SIZE cm	SIZE in
WO-7138	16.0 cm	6 1/4"

Hargis
Lip and Cheek Retractor



REF #	SIZE cm	SIZE in	SHAPE
WO-7139	19.5 cm	7 3/4"	right
WO-7140	19.5 cm	7 3/4"	left

Hargis
Ramus Retractor



REF #	SIZE cm	SIZE in
WO-7141	18.0 cm	7"

Hargis
Mandibular Body Retractor



REF #	SIZE cm	SIZE in
WO-7142	19.0 cm	7 1/2"

Hargis
Anterior Border Stripper



REF #	SIZE cm	SIZE in	SHAPE
WO-7143	23.0 cm	9"	Fig.1
WO-7144	23.0 cm	9"	Fig.2
WO-7145	23.0 cm	9"	Fig.3
WO-7146	23.0 cm	9"	Fig.4

Fig.1
6.5 mm
right

Fig.2
6.5 mm
left

Fig.3
9 mm
right

Fig.4
9 mm
left

Hargis
Periform Rim Retractor



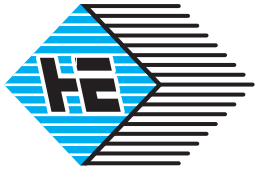
REF #	SIZE cm	SIZE in
WO-7147	18.5 cm	7 1/4"

Hargis
Periform Rim Retractor



REF #	SIZE cm	SIZE in
WO-7148	22.0 cm	8 3/4"

Hargis
Pterygoid Osteotome



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Sagittal Split Separator, Chain, Ramus Separator, Bone Holding Forceps
Ramus Pusher, Mylohyoid Muscle Clamp, Mandibular Retractor

Olten
Instruments



REF # SIZE cm SIZE in SHAPE
WO-7149 19.0 cm 7½" 1x2 teeth

Hargis
Bone Holding Forceps



REF #
WO-7150

Chain only

Hargis
Retractor Chain



REF # SIZE cm SIZE in
WO-7151 18.5 cm 7¼"

9 mm
right

Smith
Sagittal Split Separator



REF # SIZE cm SIZE in
WO-7152 18.5 cm 7¼"

9 mm
left

Smith
Sagittal Split Separator



REF # SIZE cm SIZE in
WO-7153 23.5 cm 9¼"

Smith
Ramus Separator



REF # SIZE cm SIZE in SHAPE
WO-7154 17.0 cm 6¾" left

Terry
Mylohyoid Muscle Clamp



REF # SIZE cm SIZE in SHAPE
WO-7155 17.0 cm 6¾" right

Terry
Mylohyoid Muscle Clamp



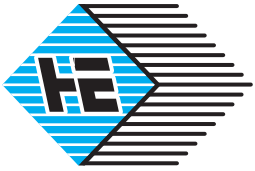
REF # SIZE cm SIZE in
WO-7156 16.5 cm 6½"

Terry
Mandibular Retractor



REF # SIZE cm SIZE in
WO-7157 24.0 cm 9½"

Terry
Ramus Pusher



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Wire Introducer, Septal Osteotome, Occlusal Wedge, Duct Retractor,
Palatal Expander, Elevator, Ramus Clamp, Mandibular Retractor

Olten
Instruments



REF # SIZE cm SIZE in
WO-7158 17.0 cm 6¾"

Terry
Wire Introducer



REF # SIZE cm SIZE in
WO-7159 19.0 cm 7½"

Terry
Septal Osteotome



REF # SIZE cm SIZE in
WO-7160 14.0 cm 5½"

Terry
Occlusal Wedge



REF # SIZE cm SIZE in SHAPE
WO-7161 15.0 cm 6" left

Terry
Duct Retractor



REF # SIZE cm SIZE in SHAPE
WO-7162 15.0 cm 6" right

Terry
Duct Retractor



REF # SIZE cm SIZE in
WO-7163 17.0 cm 6¾"

Turvey
Palatal Expander



REF # SIZE cm SIZE in
WO-7164 18.5 cm 7¼"

Steinhauser
Elevator



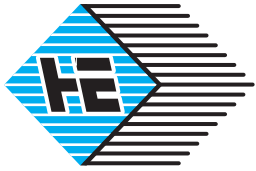
REF # SIZE cm SIZE in
WO-7165 27.0 cm 10½"

Steinhauser
Mandibular Retractor



REF # SIZE cm SIZE in SHAPE
WO-7166 16.0 cm 6¼" right

Steinhauser
Ramus Clamp



ORAL MAXILLO-FACIAL SURGERY

ORAL MAXILLO-FACIAL SURGERY

Ramus Osteotome, Chisel, Reposition Instrument, Periosteal Elevator, Ramus Clamp
Zygomatic Retractor, Orbital Raspatory, Orbital Osteotome

Olten
Instruments



Steinhauser
Ramus Clamp

REF #	SIZE cm	SIZE in	SHAPE
WO-7167	16.0 cm	6 1/4"	left



Steinhauser
Ramus Osteotome

REF #	SIZE cm	SIZE in	SHAPE
WO-7168	17.0 cm	6 3/4"	7 mm
WO-7169	17.0 cm	6 3/4"	10 mm

flexible



Steinhauser
Chisel

REF #	SIZE cm	SIZE in	SHAPE
WO-7170	19.0 cm	7 1/2"	7 mm
WO-7171	19.0 cm	7 1/2"	11 mm
WO-7172	19.0 cm	7 1/2"	15 mm

flexible



Steinhauser
Reposition Instrument

REF #	SIZE cm	SIZE in
WO-7173	18.0 cm	7"



Steinhauser
Periosteal Elevator

REF #	SIZE cm	SIZE in	SHAPE
WO-7174	16.0 cm	6 1/4"	6x12 mm
WO-7175	16.5 cm	6 1/2"	6x19 mm
WO-7176	17.0 cm	6 3/4"	6x26 mm



Steinhauser
Zygomatic Retractor

REF #	SIZE cm	SIZE in	SHAPE
WO-7177	23.0 cm	9"	Fig 1
WO-7178	23.0 cm	9"	Fig.2

Fig.1
20x50 mm
right

Fig.2
20x50 mm
left



Steinhauser
Orbital Raspatory

REF #	SIZE cm	SIZE in	SHAPE
WO-7179	16.5 cm	6 1/2"	3 mm



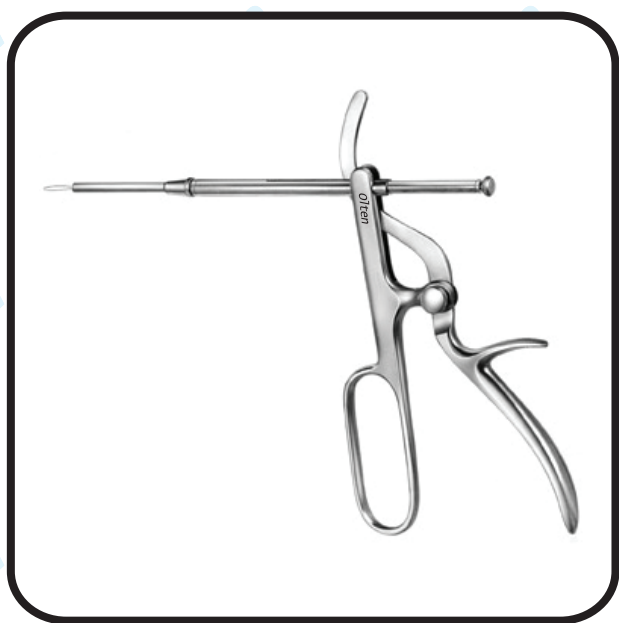
Steinhauser
Orbital Osteotome

REF #	SIZE cm	SIZE in	SHAPE
WO-7180	18.0 cm	7"	5 mm
WO-7181	18.0 cm	7"	8 mm



Wolford
Osteotome

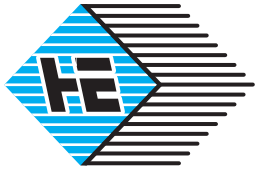
REF #	SIZE cm	SIZE in	SHAPE
WO-7182	23.0 cm	9"	6 mm
WO-7183	23.0 cm	9"	8 mm



TONSILLECTOMY

XO-7251 - to - XO-7284

Olten
Instruments



TONSILLECTOMY

TONSILLECTOMY

Cleft Palate Hooklet, Cleft Palate Dissector, Cleft Palate Needle,
Cleft Palate Elevator, Cleft Palate Periosteal Elevator

olten
Instruments



REF # SIZE cm SIZE in
XO-7251 18.5 cm 7¼"

Short blade

Salyer
Cleft Palate Hooklet



REF # SIZE cm SIZE in
XO-7252 18.5 cm 7¼"

Long blade

Salyer
Cleft Palate Hooklet



REF # SIZE cm SIZE in
XO-7253 18.0 cm 7"

Nasal

Salyer
Cleft Palate Dissector



REF # SIZE cm SIZE in
XO-7254 18.0 cm 7"

Nasal

Salyer
Cleft Palate Dissector



REF # SIZE cm SIZE in
XO-7255 18.0 cm 7"

Salyer
Cleft Palate Elevator



REF # SIZE cm SIZE in
XO-7256 18.0 cm 7"

Salyer
Cleft Palate Elevator



REF # SIZE cm SIZE in
XO-7257 18.0 cm 7"

Salyer
Cleft Palate Elevator



REF # SIZE cm SIZE in
XO-7258 17.0 cm 6¾"

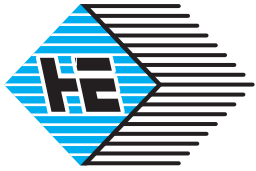
JABOMA
Cleft Palate Periosteal Elevator



REF # SIZE cm SIZE in
XO-7259 20.0 cm 8"

Right hand

Hurd
Cleft Palate Needle



TONSILLECTOMY

TONSILLECTOMY

Cleft Palate Needle, Tonsil Knife, Tonsil Dissector
Tonsil Elevator, Gauze Packer, Tonsil Grasping Forceps

Olten
Instruments



REF # SIZE cm SIZE in
XO-7260 20.5 cm 8"

left hand

Hurd
Cleft Palate Needle



REF # SIZE cm SIZE in
XO-7261 24.5 cm 9 3/4"

4.4 mm / 8.8 mm

Carpenter
Tonsil Knife / Enucleator



REF # SIZE cm SIZE in
XO-7262 22.5 cm 8 3/4"

11.0 mm / 14.0 mm

Hurd
Tonsil Dissector/Retractor



REF # SIZE cm SIZE in
XO-7263 22.5 cm 8 3/4"

10.5 mm / 5.0 mm

Henke
Tonsil Elevator



REF # SIZE cm SIZE in
XO-7264 22.5 cm 8 3/4"

16.0 mm / 5.0 mm

Henke
Tonsil Elevator



REF # SIZE cm SIZE in SHAPE
XO-7265 17.5 cm 7" 2 mm
XO-7266 17.5 cm 7" 3 mm

Luniatschek
Gauze Packer



REF # SIZE cm SIZE in SHAPE
XO-7267 17.5 cm 7" 2 mm

round handle

Luniatschek
Gauze Packer



REF # SIZE cm SIZE in
XO-7268 18.0 cm 7"

White
Tonsil Grasping Forceps



REF # SIZE cm SIZE in
XO-7269 20.0 cm 8"

1x2 teeth

Blohmke
Tonsil Grasping Forceps



TONSILLECTOMY

TONSILLECTOMY

Tonsil Forceps, Tonsil Snare, Tonsil Punch, Universal Handle
Interchangeable Tube

olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
XO-7270	19.0 cm	7½"	Fig.1
XO-7271	18.5 cm	7¼"	Fig.2

Fig.1
semi curved
Fig.2
curved

Schnidt
Tonsil Forceps



REF #	SIZE cm	SIZE in	SHAPE
XO-7272	19.0 cm	7½"	Fig.1
XO-7273	18.5 cm	7¼"	Fig.2

Fig.1
semi curved
Fig.2
curved

Schnidt
Tonsil Forceps



REF #	SIZE cm	SIZE in
XO-7274	28.5 cm	11¼"

shaft 6 mm
without ratchet

Eves
Tonsil Snare



REF #	SIZE cm	SIZE in
XO-7275	28.5 cm	11¼"

shaft 6 mm
with ratchet

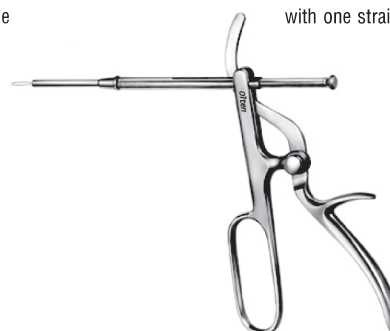
Eves
Tonsil Snare



REF #	SIZE cm	SIZE in
XO-7276	29.0 cm	11½"

shaft end 9.5 mm wide
with double ratchet

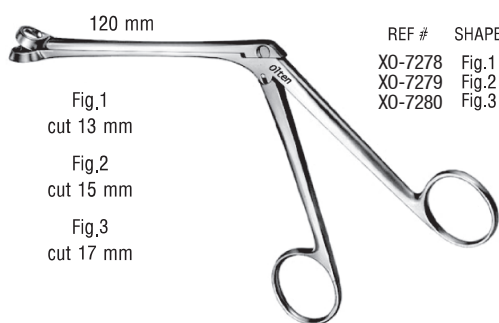
Brunings
Tonsil Snare



REF #
XO-7277

with one straight tip

Tyding
Tonsil Snare



120 mm

Fig.1
cut 13 mm
Fig.2
cut 15 mm
Fig.3
cut 17 mm

REF #	SHAPE
XO-7278	Fig.1
XO-7279	Fig.2
XO-7280	Fig.3

Tonsil Punch



REF #
XO-7281

for interchangeable tubes

Huber
Universal Handle



REF #	SIZE cm	SIZE in
XO-7282	20.0 cm	8"
XO-7283	30.0 cm	12"
XO-7284	40.0 cm	16"

Bruenings
Interchangeable Tube



**LARYNGO
BRONCHOSCOPY**

YO-7301 - to - YO-7379

Olten
Instruments



LARYNGO - BRONCHOSCOPY

LARYNGO - BRONCHOSCOPY

Huber, Chevalier-Jackson Exchangeable Tips

Olten
Instruments



Fraenkel
Exchangeable Tip
YO-7301



Seiffert
Exchangeable Tip
YO-7302



Fraenkel
Exchangeable Tip
YO-7303



Scheinmann
Exchangeable Tip
YO-7304



Scheinmann
Exchangeable Tip
YO-7305



Bruenings
Exchangeable Tip
REF # SHAPE
YO-7306 small
YO-7307 large



Bruenings
Exchangeable Tip
REF # SHAPE
YO-7308 small
YO-7309 large



Lange
Exchangeable Tip
YO-7310



Krause
Exchangeable Tip
REF # SHAPE
YO-7311 small
YO-7312 large



Krause
Exchangeable Tip
YO-7313



Schumacher
Exchangeable Tip
YO-7314



Cordes
Exchangeable Tip
REF # SHAPE
YO-7315 small
YO-7316 large



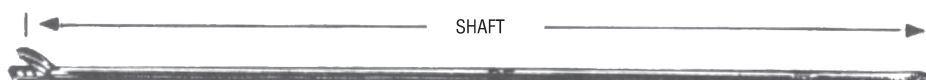
Cordes
Exchangeable Tip
YO-7317



Rosenberg
Exchangeable Tip
YO-7318



Huber
YO-7319



REF #	SHAFT cm	SHAFT in
YO-7320	30.0 cm	12"
YO-7321	40.0 cm	16"
YO-7322	50.0 cm	20"
YO-7323	60.0 cm	24"



REF #	SHAFT cm	SHAFT in
YO-7324	30.0 cm	12"
YO-7325	40.0 cm	16"
YO-7326	50.0 cm	20"
YO-7327	60.0 cm	24"



REF #	SHAFT cm	SHAFT in
YO-7328	30.0 cm	12"
YO-7329	40.0 cm	16"
YO-7330	50.0 cm	20"
YO-7331	60.0 cm	24"



Chevalier-Jackson



REF #	SHAFT cm	SHAFT in
YO-7332	30.0 cm	12"
YO-7333	40.0 cm	16"
YO-7334	50.0 cm	20"
YO-7335	60.0 cm	24"



REF #	SHAFT cm	SHAFT in
YO-7336	30.0 cm	12"
YO-7337	40.0 cm	16"
YO-7338	50.0 cm	20"
YO-7339	60.0 cm	24"



REF #	SHAFT cm	SHAFT in
YO-7340	30.0 cm	12"
YO-7341	40.0 cm	16"
YO-7342	50.0 cm	20"
YO-7343	60.0 cm	24"



REF #	SHAFT cm	SHAFT in
YO-7344	30.0 cm	12"
YO-7345	40.0 cm	16"
YO-7346	50.0 cm	20"
YO-7347	60.0 cm	24"



LARYNGO - BRONCHOSCOPY

LARYNGO - BRONCHOSCOPY

Laryngeal Mirror, Mirror Handle , Bruenings Tube

Olten
Instruments



REF #	SIZE cm	SIZE in
YO-7348	10.0 cm	4"

Standard
Laryngeal Mirror Handle



REF #	SIZE cm	SIZE in
YO-7349	10.0 cm	4"

Standard
Laryngeal Mirror Handle



REF #	SIZE cm	SIZE in
YO-7350	12.5 cm	5"

Standard
Laryngeal Mirror Handle



REF #	SIZE cm	SIZE in	SHAPE
YO-7351	18.5 cm	7 1/4"	Ø8.5 mm
YO-7352	18.5 cm	7 1/4"	Ø10.5 mm
YO-7353	18.5 cm	7 1/4"	Ø12.5 mm
YO-7354	18.5 cm	7 1/4"	Ø14.5 mm
YO-7355	18.5 cm	7 1/4"	Ø16.5 mm
YO-7356	18.5 cm	7 1/4"	Ø18.5 mm
YO-7357	18.5 cm	7 1/4"	Ø20.5 mm
YO-7358	18.5 cm	7 1/4"	Ø22.5 mm
YO-7359	18.5 cm	7 1/4"	Ø24.5 mm
YO-7360	18.5 cm	7 1/4"	Ø26.5 mm
YO-7361	18.5 cm	7 1/4"	Ø28.5 mm
YO-7362	18.5 cm	7 1/4"	Ø30.5 mm

Standard
Laryngeal Mirror



REF #	SIZE cm	SIZE in	SHAPE
YO-7363	13.5 cm	5 1/4"	Ø 8.5 mm
YO-7364	13.5 cm	5 1/4"	Ø10.5 mm
YO-7365	13.5 cm	5 1/4"	Ø12.5 mm
YO-7366	13.5 cm	5 1/4"	Ø14.5 mm
YO-7367	13.5 cm	5 1/4"	Ø16.5 mm
YO-7368	13.5 cm	5 1/4"	Ø18.5 mm
YO-7369	13.5 cm	5 1/4"	Ø20.5 mm
YO-7370	13.5 cm	5 1/4"	Ø22.5 mm
YO-7371	13.5 cm	5 1/4"	Ø24.5 mm
YO-7372	13.5 cm	5 1/4"	Ø26.5 mm
YO-7373	13.5 cm	5 1/4"	Ø28.5 mm
YO-7374	13.5 cm	5 1/4"	Ø30.5 mm

Standard
Laryngeal Mirror



REF #	SIZE cm	SIZE in	SHAPE
YO-7375	25.0 cm	10"	Ø12 mm
YO-7376	25.0 cm	10"	Ø14 mm
YO-7377	25.0 cm	10"	Ø16 mm
YO-7378	25.0 cm	10"	Ø18 mm

Michel
Laryngeal Mirror



REF #	SIZE cm	SIZE in
YO-7379	20.0 cm	8"

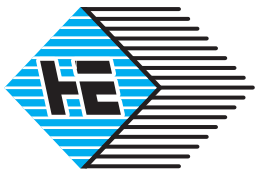
Bruenings
Tube



**CARINO MAXILLO
FACIAL SURGERY**

ZO-7425 - to - ZO-7612

Oltten
Instruments



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Soft Tissue, Mandibular, Ramus, Third Molar, Nasal Spine,
Channel Retractor, Ramus Clamp

Olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
ZO-7425	21.5 cm	8½"	Fig.1
ZO-7426	22.5 cm	8¾"	Fig.2
ZO-7427	23.0 cm	9"	Fig.3
ZO-7428	23.0 cm	9"	Fig.4
ZO-7429	23.5 cm	9¼"	Fig.5
ZO-7430	24.0 cm	9½"	Fig.6
ZO-7431	24.0 cm	9½"	Fig.7

Fig.1	5x16 mm
Fig.2	7x25 mm
Fig.3	10x35 mm
Fig.4	10x42 mm
Fig.5	12x55 mm
Fig.6	14x70 mm
Fig.7	16x80 mm

Obwegeser
Soft Tissue Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7432	21.5 cm	8½"	Fig.1
ZO-7433	22.5 cm	8¾"	Fig.2
ZO-7434	23.0 cm	9"	Fig.3
ZO-7435	23.0 cm	9"	Fig.4
ZO-7436	23.5 cm	9¼"	Fig.5
ZO-7437	24.0 cm	9½"	Fig.6
ZO-7438	24.0 cm	9½"	Fig.7

Fig.1	5x16 mm
Fig.2	7x25 mm
Fig.3	10x35 mm
Fig.4	10x42 mm
Fig.5	12x55 mm
Fig.6	14x70 mm
Fig.7	16x80 mm

Obwegeser
Soft Tissue Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7439	21.0 cm	8¼"	Fig.1
ZO-7440	21.0 cm	8¼"	Fig.2
ZO-7441	21.0 cm	8¼"	Fig.3

Fig.1	9/12x30 mm
Fig.2	9/12x45 mm
Fig.3	9/12x60 mm

Obwegeser
Mandibular Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7442	24.0 cm	9½"	Fig.1
ZO-7443	24.0 cm	9½"	Fig.2

Fig.1	11/15x70 mm
Fig.2	12/22x70 mm

Obwegeser
Ramus Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7444	24.0 cm	9½"	Fig.1

Fig.1	15/22x70 mm
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Obwegeser
Third Molar Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7445	24.5 cm	9¾"	Fig.1

Fig.1	10/23x40 mm
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Obwegeser
Nasal Spine Retractor



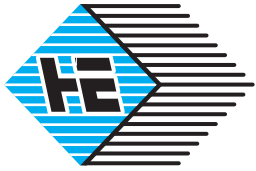
REF #	SIZE cm	SIZE in	SHAPE
ZO-7446	15.0 cm	6"	left
ZO-7447	15.0 cm	6"	right
ZO-7448	20.0 cm	8"	left
ZO-7449	20.0 cm	8"	right

Obwegeser
Ramus Clamp



REF #	SIZE cm	SIZE in	SHAPE
ZO-7450	16.5 cm	6½"	8 mm
ZO-7451	16.5 cm	6½"	10 mm

Obwegeser
Channel Retractor



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Chin Holder, Periosteal Elevator, Mandibular Inferior Body Raspatory, Swallowtail Raspatory, Septonasal, Wedge

Olten
Instruments



REF #	SIZE cm	SIZE in
ZO-7452	16.0 cm	6 1/4"

Obwegeser
Chin Holder



REF #	SIZE cm	SIZE in	SHAPE
ZO-7453	18.0 cm	7"	6 mm
ZO-7454	18.0 cm	7"	7 mm
ZO-7455	18.0 cm	7"	9 mm
ZO-7456	18.0 cm	7"	11 mm

Obwegeser
Periosteal Elevator (angled cutting)



REF #	SIZE cm	SIZE in	SHAPE
ZO-7457	21.0 cm	8 1/4"	6 mm

Obwegeser
Elevator



REF #	SIZE cm	SIZE in	SHAPE
ZO-7458	21.0 cm	8 1/4"	6 mm

Obwegeser
Periosteal Elevator (Raspatory)



REF #	SIZE cm	SIZE in	SHAPE
ZO-7459	18.0 cm	7"	10 mm / Left

Obwegeser
Mandibular Inferior Border Raspatory



REF #	SIZE cm	SIZE in	SHAPE
ZO-7460	18.0 cm	7"	10 mm / Right

Obwegeser
Mandibular Inferior Border Raspatory



REF #	SIZE cm	SIZE in	SHAPE
ZO-7461	18.0 cm	7"	7.5 mm
ZO-7462	18.0 cm	7"	11 mm

Obwegeser
Swallowtail Raspatory



REF #	SIZE cm	SIZE in	SHAPE
ZO-7463	18.5 cm	7 1/4"	4 mm
ZO-7464	18.5 cm	7 1/4"	6 mm
ZO-7465	18.5 cm	7 1/4"	8 mm

Obwegeser
Septonasal Osteotome



REF #	SIZE cm	SIZE in	SHAPE
ZO-7466	22.0 cm	8 3/4"	8 mm
ZO-7467	22.0 cm	8 3/4"	12 mm
ZO-7468	22.0 cm	8 3/4"	16 mm

Obwegeser
Wedge Osteotome



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Blade, Tuberosity, Alveolar Osteotome, Fragment Adapting Forceps
Maxillary Mobilizer, Zygomatic Arch Awl

Oltten
Instruments



Obwegeser
Blade Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7469	22.0 cm	8 3/4"	8 mm
ZO-7470	22.0 cm	8 3/4"	12 mm
ZO-7471	22.0 cm	8 3/4"	16 mm
ZO-7472	22.0 cm	8 3/4"	20 mm



Obwegeser
Fragment Adapting Forceps

REF #	SIZE cm	SIZE in	SHAPE
ZO-7473	21.0 cm	8 1/4"	left

jaw length 80 mm



Obwegeser
Fragment Adapting Forceps

REF #	SIZE cm	SIZE in	SHAPE
ZO-7474	21.0 cm	8 1/4"	right

jaw length 80 mm



Obwegeser
Tuberosity Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7475	23.5 cm	9 1/4"	8 mm
ZO-7476	23.5 cm	9 1/4"	11 mm



Obwegeser
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7477	21.0 cm	8 1/4"	8 mm
ZO-7478	21.0 cm	8 1/4"	11 mm



Obwegeser
Osteotome for Alveolar Process

REF #	SIZE cm	SIZE in	SHAPE
ZO-7479	15.5 cm	6"	3 mm
ZO-7480	15.5 cm	6"	4 mm
ZO-7481	15.5 cm	6"	6.5 mm



Obwegeser
Maxillary Mobilizer

REF #	SIZE cm	SIZE in	SHAPE
ZO-7482	23.0 cm	9"	12 mm



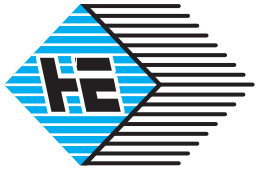
Obwegeser
Maxillary Awl

REF #	SIZE cm	SIZE in
ZO-7483	15.0 cm	6"
ZO-7484	17.5 cm	7"



Obwegeser
Zygomatic Arch Awl

REF #	SIZE cm	SIZE in
ZO-7485	24.0 cm	9 1/2"



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Wire Cutter, Bone Curette

Curette Sharpener, Bone Contouring Forceps, Scalp Clamp, Nasal Speculum

olten
Instruments



Obwegeser
Wire Cutter

REF #	SIZE cm	SIZE in
ZO-7486	12.0 cm	4 3/4"



Obwegeser
Bone Contouring Forceps

REF #	SIZE cm	SIZE in	SHAPE
ZO-7487	17.5 cm	7"	Fig.1
ZO-7488	17.5 cm	7"	Fig.2
ZO-7489	17.5 cm	7"	Fig.3

Fig.1
12.0x30 mm
convex / concave

Fig.2
13.5x30 mm
concave / convex

Fig.3
13.5x30 mm
flat / flat



Tessier
Skin Hooklet

REF #	SIZE cm	SIZE in	SHAPE
ZO-7490	19.0 cm	7 1/2"	sharp



Tessier
Bone Curette

REF #	SIZE cm	SIZE in	SHAPE
ZO-7491	21.5 cm	8 1/2"	6 mm



Tessier
Bone Curette

REF #	SIZE cm	SIZE in	SHAPE
ZO-7492	21.5 cm	8 1/2"	12 mm



Tessier
Curette Sharpener

REF #	SIZE cm	SIZE in
ZO-7493	19.5 cm	7 3/4"



Tessier
Scalp Clamp

REF #	SIZE cm	SIZE in
ZO-7494	13.0 cm	5"



Tessier
Nasal Speculum

REF #	SIZE cm	SIZE in	SHAPE
ZO-7495	13.5 cm	5 1/4"	36 mm
ZO-7496	14.0 cm	5 1/2"	45 mm
ZO-7497	14.5 cm	5 3/4"	70 mm



Tessier
Nasal Speculum

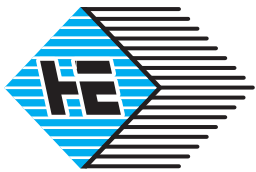
REF #	SIZE cm	SIZE in	SHAPE
ZO-7498	17.0 cm	6 3/4"	Fig.1
ZO-7499	17.0 cm	6 3/4"	Fig.2
ZO-7500	17.0 cm	6 3/4"	Fig.3
ZO-7501	17.0 cm	6 3/4"	Fig.4

Fig.1
70x8.5 mm
adult

Fig.2
80x8.5 mm
adult

Fig.3
60x7.0 mm
children

Fig.4
70x7.0 mm
children



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Osteotome, Thoracic Retractor
iliac Crest Retractor, Bone Holding Forceps

olten
Instruments



REF #	SIZE cm	SIZE in	SHAPE
ZO-7502	16.0 cm	6 1/4"	2 mm
ZO-7503	16.0 cm	6 1/4"	3 mm
ZO-7504	16.0 cm	6 1/4"	5 mm
ZO-7505	16.0 cm	6 1/4"	7 mm
ZO-7506	16.0 cm	6 1/4"	10 mm
ZO-7507	16.0 cm	6 1/4"	14 mm
ZO-7508	16.0 cm	6 1/4"	16 mm

straight

ZO-7509	16.0 cm	6 1/4"	5 mm
ZO-7510	16.0 cm	6 1/4"	7 mm
ZO-7511	16.0 cm	6 1/4"	10 mm

curved

Tessier
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
ZO-7512	16.0 cm	6 1/4"	18 mm

Tessier
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
ZO-7513	18.0 cm	7"	10 mm

Tessier
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
ZO-7514	20.0 cm	7 3/4"	10 mm
ZO-7515	20.0 cm	7 3/4"	15 mm
ZO-7516	20.0 cm	7 3/4"	20 mm
ZO-7517	20.0 cm	7 3/4"	30 mm

straight

ZO-7518	20.0 cm	7 3/4"	10 mm
ZO-7519	20.0 cm	7 3/4"	15 mm

curved

Tessier
Osteotome



REF #	SIZE cm	SIZE in	SHAPE
ZO-7520	16.0 cm	6 1/4"	10 mm
ZO-7521	16.0 cm	6 1/4"	15 mm

straight

ZO-7522	16.0 cm	6 1/4"	10 mm
ZO-7523	16.0 cm	6 1/4"	15 mm

curved

Tessier
Osteotome



Tessier
Thoracic Retractor



REF #	SIZE cm	SIZE in	SHAPE
ZO-7526	16.0 cm	6 1/4"	Fig.1
ZO-7527	16.0 cm	6 1/4"	Fig.2
ZO-7528	16.0 cm	6 1/4"	Fig.3
ZO-7529	16.0 cm	6 1/4"	Fig.4

Fig.1 36x50 mm Fig.2 52x50 mm

Fig.3 59x50 mm Fig.4 66x50 mm

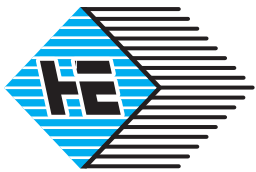
Tessier
iliac Crest Retractor



Tessier
Bone Holding Forceps



Tessier
Bone Holding Forceps



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY
Periosteal Elevator, Bone Cutting Forceps
Bone Contouring Forceps

Olten
Instruments



REF # SIZE cm SIZE in
Z0-7532 19.5 cm 7¾"

one serrated cutting edge

Tessier
Bone Cutting Forceps



REF # SIZE cm SIZE in
Z0-7533 19.0 cm 7½"

one serrated cutting edge

Tessier
Bone Cutting Forceps



REF # SIZE cm SIZE in
Z0-7534 20.5 cm 8"

slim pattern

Tessier
Bone Cutting Forceps



REF # SIZE cm SIZE in
Z0-7535 21.5 cm 8½"

Tessier
Bone Cutting Forceps



REF # SIZE cm SIZE in SHAPE
Z0-7536 22.0 cm 8¾" 11 mm
convex / concave

Tessier
Bone Contouring Forceps



REF # SIZE cm SIZE in
Z0-7537 20.5 cm 8"
Z0-7538 21.0 cm 8¼"
Z0-7539 21.5 cm 8½"

Tessier
Iliac Crest Awl



REF # SIZE cm SIZE in
Z0-7540 18.5 cm 7¼"
6 mm
30°

Tessier
Periosteal Elevator



REF # SIZE cm SIZE in
Z0-7541 18.5 cm 7¼"
6 mm
60°

Tessier
Periosteal Elevator



REF # SIZE cm SIZE in SHAPE
Z0-7542 20.5 cm 8" 12 mm
Z0-7543 20.5 cm 8" 15 mm

Tessier
Periosteal Elevator



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY
Awl, Trocar, Spatula, Soft Tissue Retractor

oltten
Instruments



Tessier
Awl

REF #	SIZE cm	SIZE in	SHAPE Ø
ZO-7544	21.0 cm	8 1/4"	2.5 mm



Tessier
Awl

REF #	SIZE cm	SIZE in	SHAPE Ø
ZO-7545	16.5 cm	6 1/2"	4.5 mm



Tessier
Trocar

REF #	SIZE cm	SIZE in	SHAPE Ø
ZO-7546	14.0 cm	5 1/2"	2.5 mm



Tessier
Spatula

REF #	SIZE cm	SIZE in
ZO-7547	22.0 cm	8 3/4"

10 / 12 mm
conical



Tessier
Spatula

REF #	SIZE cm	SIZE in
ZO-7548	22.0 cm	8 3/4"

15 / 17 mm
conical



Tessier
Spatula

REF #	SIZE cm	SIZE in
ZO-7549	22.0 cm	8 3/4"

20 / 22 mm
conical



Tessier
Soft Tissue Retractor

REF #	SIZE cm	SIZE in	SHAPE
ZO-7550	15.5 cm	6"	Fig.1
ZO-7551	15.5 cm	6"	Fig.2
ZO-7552	15.5 cm	6"	Fig.3
ZO-7553	15.5 cm	6"	Fig.4
ZO-7554	15.5 cm	6"	Fig.5

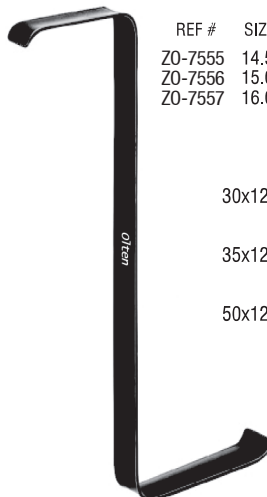
Fig.1
20x7 / 30x10 mm

Fig.2
20x12 / 30x16 mm

Fig.3
30x12 / 35x16 mm

Fig.4
35x12 / 45x16 mm

Fig.5
50x12 / 70x16 mm



Tessier
Soft Tissue Retractor

REF #	SIZE cm	SIZE in	SHAPE
ZO-7555	14.5 cm	5 3/4"	Fig.1
ZO-7556	15.0 cm	6"	Fig.2
ZO-7557	16.0 cm	6 1/4"	Fig.3

Fig.1
30x12 / 35x16 mm

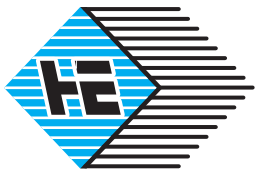
Fig.2
35x12 / 45x16 mm

Fig.3
50x12 / 70x16 mm

REF #	SIZE cm	SIZE in	SHAPE
ZO-7558	12.5 cm	5"	8 mm
ZO-7559	12.5 cm	5"	10 mm
ZO-7560	12.5 cm	5"	7 mm



Tessier
Soft Tissue Retractor



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Soft Tissue Retractor, Dissecting Scissors, Undermining Scissor, Osteotome
Septonasal, Retromaxillary Chisel, Saddle Hooklet, Wire Cutting Scissors

olten
Instruments

REF #	SIZE cm	SIZE in	SHAPE
ZO-7561	12.5 cm	5"	10 mm
ZO-7562	12.5 cm	5"	8 mm
ZO-7563	12.5 cm	5"	12 mm



Tessier
Soft Tissue Retractor

REF #	SIZE cm	SIZE in	SHAPE
ZO-7564	14.5 cm	5¾"	10 mm
ZO-7565	15.0 cm	6"	17.5 mm
ZO-7566	15.5 cm	6"	20 mm



Tessier
Saddle Hooklet

REF #	SIZE cm	SIZE in
ZO-7567	18.5 cm	7¼"



Tessier
Septonasal Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7568	18.0 cm	7"	10 mm



Tessier
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7569	16.5 cm	6½"	6 mm
ZO-7570	16.5 cm	6½"	9 mm



Tessier
Retromaxillary Chisel

REF #	SIZE cm	SIZE in
ZO-7571	13.0 cm	5"



Tessier
Undermining Scissors

REF #	SIZE cm	SIZE in
ZO-7572	14.5 cm	5¾"



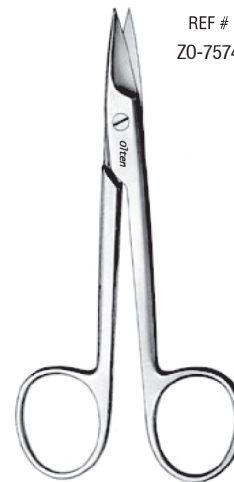
Tessier
Dissecting Scissors

REF #	SIZE cm	SIZE in
ZO-7573	16.5 cm	6½"



Tessier
Dissecting Scissors

REF #	SIZE cm	SIZE in
ZO-7574	12.0 cm	4¾"



Tessier
Wire Cutting Scissors

**Tungsten Carbide
Inserted (TC)**

**Tungsten Carbide
Inserted (TC)**



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY
Bone Hook Mobilizing Retractor
Disimpaction, Spreading Forceps, Caliper

olten
Instruments



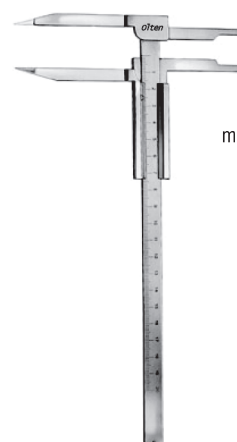
REF #	SIZE cm	SIZE in	SHAPE
ZO-7575	22.0 cm	8 3/4"	left
ZO-7576	22.0 cm	8 3/4"	right

for children



REF #	SIZE cm	SIZE in	SHAPE
ZO-7577	23.0 cm	9"	left
ZO-7578	23.0 cm	9"	right

for adults



REF #	SIZE cm	SIZE in
ZO-7579	26.0 cm	10 1/4"

measuring upto 200 mm

Tessier
Disimpaction Forceps

Tessier
Disimpaction Forceps

Tessier
Caliper
Disimpaction Forceps



REF #	SIZE cm	SIZE in
ZO-7580	18.5 cm	7 1/4"

Tessier
Bone Hook



REF #	SIZE cm	SIZE in	SHAPE
ZO-7581	17.5 cm	7"	7 mm

Tessier
Spreading Forceps



REF #	SIZE cm	SIZE in
ZO-7582	15.0 cm	6"

9 mm
right

Tessier
Mobilizing Retractor



REF #	SIZE cm	SIZE in
ZO-7583	15.0 cm	6"

9 mm
left

Tessier
Mobilizing Retractor



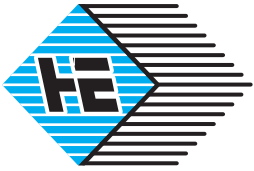
REF #	SIZE cm	SIZE in	SHAPE
ZO-7584	15.5 cm	6"	7.5 mm
ZO-7585	15.5 cm	6"	12 mm

Marchac
Periosteal Elevator



REF #	SIZE cm	SIZE in	SHAPE
ZO-7586	17.0 cm	6 3/4"	2 mm
ZO-7587	17.0 cm	6 3/4"	3.5 mm
ZO-7588	17.0 cm	6 3/4"	5 mm

Marchac
Periosteal Elevator



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Marchac, Frontal Template, Supraorbital Template
Dura Protector, File, Caliper, Bone Holding Forceps

oiten
Instruments

REF # SHAPE
ZO-7589 infants
ZO-7590 adults



Marchac
Frontal Template

REF # SIZE cm SIZE in SHAPE Ø
ZO-7591 16.0 cm 6¼" 1.9 mm



Marchac
Supraorbital Template

REF # SIZE cm SIZE in
ZO-7592 18.0 cm 7"



Marchac
Dura Protector

REF # SIZE cm SIZE in
ZO-7593 13.0 cm 5"



Marchac
Dura Protector

REF # SIZE cm SIZE in
ZO-7594 13.5 cm 5¼"



Marchac
Dura Protector

REF # SIZE cm SIZE in
ZO-7595 11.0 cm 4¼"



Marchac
Dura Protector

REF # SIZE cm SIZE in
ZO-7596 16.0 cm 6¼"



Marchac
File

REF #
ZO-7597

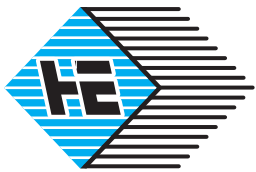


Marchac
Caliper

REF # SIZE cm SIZE in
ZO-7598 17.0 cm 6¾"



Marchac
Bone Holding Forceps



CRANIO MAXILLO-FACIAL SURGERY

CRANIO MAXILLO-FACIAL SURGERY

Suction Dissector, Osteotome, Bone Expander, Cranial Rongeur, Dura Protector, Bone Hook, Disimpaction Forceps, Bone Contouring Forceps, Wire Catcher

Olten
Instruments



Marchac
Suction Dissector

REF #	SIZE cm	SIZE in
ZO-7599	19.0 cm	7½"



Marchac
Osteotome

REF #	SIZE cm	SIZE in	SHAPE
ZO-7600	18.5 cm	7¼"	4 mm
ZO-7601	18.5 cm	7¼"	6 mm
ZO-7602	18.5 cm	7¼"	8 mm

Straight

REF #	SIZE cm	SIZE in	SHAPE
ZO-7603	18.5 cm	7¼"	4 mm
ZO-7604	18.5 cm	7¼"	6 mm
ZO-7605	18.5 cm	7¼"	8 mm

Curved



Marchac
Bone Hook

REF #	SIZE cm	SIZE in	SHAPE
ZO-7606	19.0 cm	7½"	sharp



Marchac
Bone Expander

REF #	SIZE cm	SIZE in
ZO-7607	17.0 cm	6¾"



Marchac
Cranial Rongeur

REF #	SIZE cm	SIZE in
ZO-7608	18.0 cm	7"



Marchac
Disimpaction Forceps

REF #	SIZE cm	SIZE in
ZO-7609	23.0 cm	9"

for children



Marchac
Bone Contouring Forceps

REF #	SIZE cm	SIZE in
ZO-7610	18.0 cm	7"

6.5 mm
convex / concave
for children



Marchac
Bone Contouring Forceps

REF #	SIZE cm	SIZE in
ZO-7611	18.0 cm	7"

11 mm
convex / concave
for children



Marchac
Dura Protector / Wire Catcher

REF #	SIZE cm	SIZE in
ZO-7612	21.5 cm	8½"



HOLLOW WARE

AAO-7651 - to - AAO-7959

o1ten
Instruments



HOLLOW WARE

HOLLOW WARE

Needle Tray, Universal Tray, Instrument Tray, Tablet Tray,

olten
Instruments

REF # SIZE cm
AAO-7651 15.0 x 9.5 x 1.10



Needle Tray

REF # SIZE cm
AAO-7652 23.0 x 15.5 x 3.0
AAO-7653 30.0 x 17.5 x 3.0
AAO-7654 30.0 x 17.5 x 4.0
AAO-7655 35.0 x 24.0 x 3.6
AAO-7656 40.0 x 30.0 x 5.0



Universal Tray

REF # SIZE cm
AAO-7657 21.0 x 16.0 x 1.0
AAO-7658 24.0 x 18.0 x 1.0
AAO-7659 31.0 x 15.0 x 1.0
AAO-7660 31.0 x 21.0 x 1.0
AAO-7661 35.0 x 24.0 x 1.0
AAO-7662 40.0 x 27.0 x 2.0
AAO-7663 42.0 x 28.0 x 1.0



Instruments Tray

REF # SIZE cm
AAO-7664 23.5 x 19.0 x 4.0



Universal Tray

REF # Ø Depth
AAO-7665 7.5 cm 1.2 cm



Tablet Tray

REF # SIZE cm
AAO-7666 20.0 x 15.0 x 5.0
AAO-7667 25.0 x 20.0 x 5.0
AAO-7668 30.0 x 20.0 x 5.0
AAO-7669 30.0 x 25.0 x 5.0
AAO-7670 35.0 x 25.0 x 5.0
AAO-7671 35.0 x 30.0 x 5.0
AAO-7672 40.0 x 20.0 x 5.0
AAO-7673 45.0 x 30.0 x 5.0
AAO-7674 20.0 x 15.0 x 6.5
AAO-7675 25.0 x 20.0 x 6.5
AAO-7676 30.0 x 20.0 x 6.5
AAO-7677 30.0 x 25.0 x 6.5
AAO-7678 35.0 x 25.0 x 6.5
AAO-7679 35.0 x 30.0 x 6.5
AAO-7680 40.0 x 20.0 x 6.5
AAO-7681 45.0 x 30.0 x 6.5
AAO-7682 45.0 x 30.0 x 10.0



Instruments Tray With Lid



HOLLOW WARE

HOLLOW WARE

Instruments Tray, Round Bowl

o1ten
Instruments



Instruments Tray With Lid

REF #	SIZE cm
AAO-7683	20.0 x 15.0 x 5.0
AAO-7684	25.0 x 20.0 x 5.0
AAO-7685	30.0 x 20.0 x 5.0
AAO-7686	30.0 x 25.0 x 5.0
AAO-7687	35.0 x 25.0 x 5.0
AAO-7688	35.0 x 30.0 x 5.0
AAO-7689	40.0 x 20.0 x 5.0
AAO-7690	45.0 x 30.0 x 5.0
AAO-7691	20.0 x 15.0 x 6.5
AAO-7692	25.0 x 20.0 x 6.5
AAO-7693	30.0 x 20.0 x 6.5
AAO-7694	30.0 x 25.0 x 6.5
AAO-7695	35.0 x 25.0 x 6.5
AAO-7696	35.0 x 30.0 x 6.5
AAO-7697	40.0 x 20.0 x 6.5
AAO-7698	45.0 x 30.0 x 6.5
AAO-7699	45.0 x 30.0 x 10.0



Round Bowl

REF #	Ø	Depth	Capacity
AAO-7700	16.5 cm	6.0 cm	0.75 Liter
AAO-7701	16.0 cm	6.5 cm	1.0 Liter
AAO-7702	22.0 cm	7.0 cm	2.0 Liter
AAO-7703	24.0 cm	9.5 cm	3.0 Liter
AAO-7704	26.0 cm	13.0 cm	4.5 Liter
AAO-7705	30.0 cm	10.5 cm	6.0 Liter

REF #	Ø	Depth	Capacity
AAO-7706	33.0 cm	9.0 cm	6.0 Liter
AAO-7707	33.0 cm	11.5 cm	8.0 Liter



Round Bowl

REF #	Ø	Depth	Capacity
AAO-7708	4.0 cm	1.9 cm	0.05 Liter
AAO-7709	6.1 cm	3.0 cm	0.07 Liter
AAO-7710	8.0 cm	4.0 cm	0.14 Liter
AAO-7711	11.6 cm	5.0 cm	0.35 Liter
AAO-7712	12.8 cm	5.5 cm	0.45 Liter
AAO-7713	14.7 cm	6.5 cm	0.70 Liter



Round Bowl

REF #	Ø	Depth	Capacity
AAO-7714	11.6 cm	3.5 cm	0.3 Liter
AAO-7715	12.8 cm	3.8 cm	0.4 Liter
AAO-7716	14.7 cm	4.0 cm	0.5 Liter
AAO-7717	15.7 cm	4.5 cm	0.75 Liter
AAO-7718	18.7 cm	4.5 cm	1.0 Liter



Round Bowl

REF #	Ø	Depth
AAO-7719	22.0 cm	7.0 cm



Round Bowl



HOLLOW WARE

HOLLOW WARE

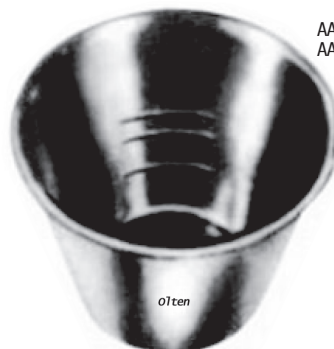
Storing Cup, Medicine Cup, Medicine Cup with scale, Metal Cup with out Scale, Denture cup, Sputum cup.

olten
Instruments



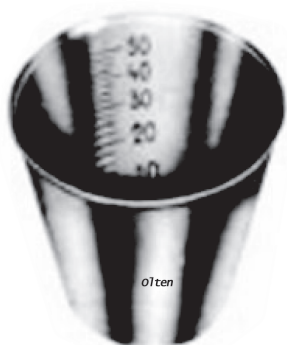
REF #	Ø	Depth
AAO-7720	7.5 cm	7.5 cm

Storing Cup



REF #	SIZE
AAO-7721	25 ml
AAO-7722	50 ml

Medicine Cup W/Out Scale



REF #	SIZE
AAO-7723	25 ml
AAO-7724	50 ml

Medicine Cup
With Scale



REF #	Ø	Depth
AAO-7725	9.0 cm	9.0 cm

Metal Cup
With Out Scale



REF #	Ø	Depth
AAO-7726	7.5 cm	5.0 cm

Denture Cup With Cap



REF #	Ø	Depth
AAO-7727	7.5 cm	8.0 cm

Sputum Cup



HOLLOW WARE

HOLLOW WARE

Soap Dish, Flat Dish, Petri Dish, Kidney Dish

olten
Instruments

REF #	Ø	Depth	Capacity
AAO-7729	11.0 cm	2.7 cm	0.20 Liter
AAO-7730	11.0 cm	4.0 cm	0.30 Liter

REF #	SIZE cm
AAO-7728	11.0 x 7.5 x 1.3



Soap Dish

AAO-7731	11.0 cm	Lid Only
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Flat Dish

REF #	Ø	Depth	Capacity
AAO-7732	11.0 cm	2.8 cm	0.15 Liter



Flat Dish

REF #	Ø	
AAO-7733	10.0 cm	with lid
AAO-7734	10.0 cm	dish only



Petri Dish

REF #	SIZE cm
AAO-7735	17.0 x 10.0 x 3.5
AAO-7736	25.0 x 14.0 x 4.0
AAO-7737	27.5 x 15.0 x 4.5



Kidny Dish With Lid

REF #	SIZE cm	SIZE in
AAO-7738	15.0 cm	6"
AAO-7739	20.0 cm	8"
AAO-7740	25.0 cm	10"
AAO-7741	30.0 cm	12"



Kidny Dish



HOLLOW WARE

HOLLOW WARE

Saurerbruch Needle Case, Storing Case, Needle Case

oiten
Instruments



Saurerbruch
Needle Case



Saurerbruch
Needle Case



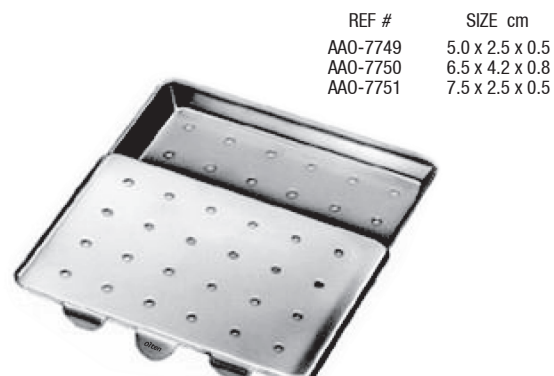
Storing Case



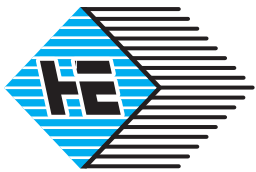
Storing Case



Needle Case



Needle Case



HOLLOW WARE

HOLLOW WARE

Needle Case

Olten
Instruments



Needle Case

REF #	Ø	Depth
AAO-7752	6.5 cm	1.5 cm complete
AAO-7753	6.2 cm	1.3 cm insert only



Needle Case

REF #	SIZE cm
AAO-7754	15.0 x 9.5 x 1.3



Needle Case

REF #	SIZE cm
AAO-7755	15.0 x 9.5 x 1.3



Needle Case

REF #	SIZE cm
AAO-7756	15.0 x 9.5 x 1.3



Needle Case

REF #	SIZE cm
AAO-7757	15.0 x 9.5 x 1.3



Needle Case

REF #	SIZE cm
AAO-7758	15.0 x 9.5 x 1.3



HOLLOW WARE

HOLLOW WARE

Storage Case, Brush Collecting Box
Sterilizing Drum, Drill collecting container

Olten
Instruments

REF #	SIZE cm
AAO-7759	24.5 x 13.5 x 3.5
AAO-7760	24.5 x 13.5 x 5.0
AAO-7761	24.5 x 13.5 x 6.0



Deponette
Storage Case

REF #	SIZE cm
AAO-7762	23.0 x 13.0 x 5.0
AAO-7763	26.0 x 15.0 x 5.0
AAO-7764	27.5 x 23.5 x 5.0
AAO-7765	30.0 x 20.0 x 5.0
AAO-7766	32.5 x 27.5 x 5.0
AAO-7767	42.0 x 17.5 x 5.0



Storage Case

REF #	SIZE cm
AAO-7768	23.0 x 13.0 x 7.5
AAO-7769	26.0 x 15.0 x 7.5
AAO-7770	27.5 x 23.5 x 7.5
AAO-7771	30.0 x 20.0 x 7.5
AAO-7772	32.5 x 27.5 x 7.5
AAO-7773	42.0 x 17.5 x 7.5



Storage Case

REF #	SIZE cm
AAO-7774	20.0 x 18.0 x 13.5



Brush Collecting Box

REF #	Ø	Depth
AAO-7775	8.0 cm	8.0 cm
AAO-7776	12.0 cm	12.0 cm
AAO-7777	14.0 cm	14.0 cm
AAO-7778	16.0 cm	12.0 cm
AAO-7779	16.0 cm	15.0 cm
AAO-7780	19.0 cm	15.0 cm
AAO-7781	24.0 cm	16.0 cm
AAO-7782	24.0 cm	24.0 cm
AAO-7783	29.0 cm	16.0 cm
AAO-7784	29.0 cm	24.0 cm
AAO-7785	34.0 cm	16.0 cm
AAO-7786	34.0 cm	24.0 cm
AAO-7787	39.0 cm	19.0 cm
AAO-7788	39.0 cm	29.0 cm

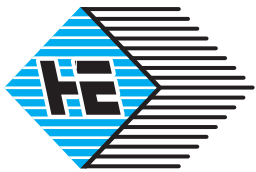


Sterilizing Drum

REF #	Ø	Depth
AAO-7789	7.8 cm	6.3 cm



Drill Collecting Container



HOLLOW WARE

HOLLOW WARE

Storing Box, Cotton Jar, Basket, Jar with Dressing Forceps

Olten
Instruments



Storing Box With Cover

REF #	SIZE cm
AAO-7790	16.5 x 8.5 x 3.5
AAO-7791	20.0 x 10.0 x 3.5
AAO-7792	20.0 x 10.0 x 5.0
AAO-7793	23.0 x 13.0 x 5.0
AAO-7794	26.0 x 15.0 x 5.0
AAO-7795	27.0 x 23.5 x 5.0
AAO-7796	30.0 x 20.0 x 5.0
AAO-7797	32.5 x 27.5 x 5.0



Storing Box With Cover

REF #	SIZE cm
AAO-7798	16.5 x 8.5 x 3.5
AAO-7799	20.0 x 10.0 x 3.5
AAO-7800	20.0 x 10.0 x 5.0
AAO-7801	23.0 x 13.0 x 5.0
AAO-7802	26.0 x 15.0 x 5.0
AAO-7803	27.0 x 23.5 x 5.0
AAO-7804	30.0 x 20.0 x 5.0
AAO-7805	32.5 x 27.5 x 5.0



Storing Box With Cover

REF #	SIZE cm
AAO-7806	20.0 x 10.5 x 3.5



Cotton Jar

REF #	Ø	Depth
AAO-7807	7.5 cm	6.3 cm
AAO-7808	7.5 cm	7.5 cm
AAO-7809	10.0 cm	6.0 cm
AAO-7810	10.0 cm	10.0 cm
AAO-7811	12.5 cm	8.0 cm
AAO-7812	12.5 cm	12.5 cm



Basket

REF #	SIZE cm
AAO-7813	25.0 x 15.0 x 15.0



Jar With Dressing Forceps

REF #	SIZE
AAO-7814	JAR 20.5 cm high with FORCEPS 25 cm long
AAO-7815	JAR 25.5 cm high with FORCEPS 32 cm long



HOLLOW WARE

HOLLOW WARE

Metal Jar, Measures Cup, Medicine Spoon, Bed Pan

olten
Instruments



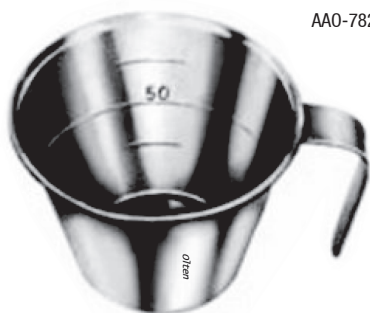
Metal Jar With Lid

REF #	Ø	Depth
AAO-7816	3.0 cm	9.0 cm
AAO-7817	5.0 cm	10.0 cm
AAO-7818	5.0 cm	13.0 cm
AAO-7819	5.0 cm	15.0 cm
AAO-7820	5.0 cm	17.5 cm
AAO-7821	7.5 cm	10.0 cm
AAO-7822	7.5 cm	13.0 cm
AAO-7823	7.5 cm	17.5 cm
AAO-7824	10.0 cm	17.5 cm



Medicine Cup

REF #	SIZE cm
AAO-7825	8.0 x 3.5 cm
AAO-7826	12.5 x 6.0 cm



Measures Cup

REF #	Capacity
AAO-7827	100 cc



Measures Cup

REF #	Capacity
AAO-7828	0.25 Liter
AAO-7829	0.50 Liter
AAO-7830	1.00 Liter
AAO-7831	2.00 Liter



Medicine Spoon

REF #	Capacity
AAO-7832	20 cc



Bed Pan With Cap

REF #	Ø
AAO-7833	23.5 cm
AAO-7834	31.0 cm



HOLLOW WARE

HOLLOW WARE

Bed Pan Perfection, Fracture Bed Pan, Placenta Pan
Triangular Basin, Urinal Female

o'ten
Instruments

REF #	SIZE cm
AAO-7835	38.0 x 23.0 x 9.5
AAO-7836	35.0 x 27.0 x 10.0



Bed Pan Perfection

REF #	SIZE cm
AAO-7837	38.0 x 20.0 x 7.5
AAO-7838	35.0 x 23.0 x 10.0



Fracture Bed Pan



Placenta Pan
AAO-7839



Triangular Basin With Handle
AAO-7840
up to 600 ml

REF #	SIZE cm
AAO-7842	23.0 x 15.0 x 8.5



Triangular Basin Without Handle
AAO-7841
up to 600 ml



Urinal Female



HOLLOW WARE

HOLLOW WARE

Male Urinal, Irrigator
Powder Pot, Cotton Dispenser

Olten
Instruments



Male Urinal
AAO-7843

REF #	SIZE cm
AAO-7844	23.0 x 15.0 X 8.5



Male Urinal



Irrigator

REF #	Capacity
AAO-7845	1.0 Liter
AAO-7846	1.5 Liter
AAO-7847	2.0 Liter



Irrigator (Eneema Can)

REF #	Capacity
AAO-7848	1.0 Liter
AAO-7849	1.5 Liter
AAO-7850	2.0 Liter



Powder Pot

REF #	Ø	Depth
AAO-7851	5.0 cm	10.0 cm



Cotton Dispenser

REF #	Ø	Depth
AAO-7852	7.5 cm	9.0 cm
AAO-7853	10.0 cm	13.0 cm



HOLLOW WARE

HOLLOW WARE

Methot Cotton Dispenser, Methot Waste Cotton Collector,
Spirit Lamp, Bucket

olten
Instruments



Methot
Cotton Dispenser

REF #	Ø	Depth
AAO-7854	5.0 cm	7.5 cm with lid
AAO-7855	5.0 cm	7.5 cm without lid



Methot
Waste Cotton Collector

REF #	Ø	Depth
AAO-7856	5.0 cm	7.5 cm



Spirit Lamp

REF #	SIZE cm
AAO-7857	12.0 cm



Spirit Lamp

REF #	SIZE cm
AAO-7858	12.0 cm



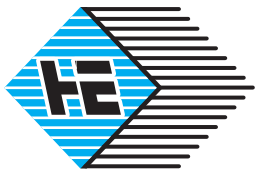
Spirit Lamp

REF #	SIZE cm
AAO-7859	12.0 cm



Bucket

REF #	Capacity
AAO-7860	10.0 Liter with lid
AAO-7861	12.0 Liter with lid
AAO-7862	14.0 Liter with lid
AAO-7863	20.0 Liter with lid
AAO-7864	10.0 Liter with out lid
AAO-7865	12.0 Liter with out lid
AAO-7866	14.0 Liter with out lid
AAO-7867	20.0 Liter with out lid

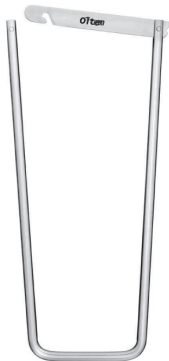


HOLLOW WARE

HOLLOW WARE

Forceps Holder, Medicine Cup, Forceps Jar, Lotion Bowl, Kidney Trays, Sterilizer, Instruments Tray

olten
Instruments



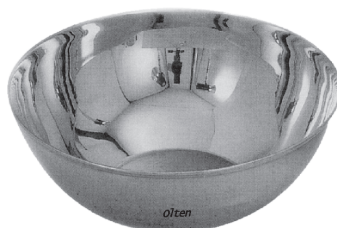
Forceps Holder
With Secure Locking Device

REF #	SIZE cm	SIZE in
AAO-7868	20 cm	8"
AAO-7869	25 cm	10"
AAO-7870	30 cm	12"
AAO-7871	40 cm	16"



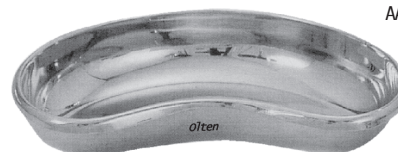
Forcep Jar
Ø 5.0 cm

REF #	SIZE cm	SIZE in
AAO-7872	10.0 cm	4"
AAO-7873	15.0 cm	6"
AAO-7874	18.0 cm	7"
AAO-7875	20.0 cm	8"



Lotion Bowl

REF #	Ø	Depth
AAO-7876	5.0 cm	5.0 cm
AAO-7877	7.5 cm	5.0 cm
AAO-7878	10.0 cm	5.0 cm
AAO-7879	14.0 cm	6.5 cm
AAO-7880	15.0 cm	6.5 cm
AAO-7881	18.0 cm	9.0 cm
AAO-7882	20.0 cm	9.0 cm
AAO-7883	25.5 cm	10.0 cm



Kidney Tray

REF #	SIZE cm	SIZE in
AAO-7884	15.0 cm	6"
AAO-7885	18.0 cm	7"
AAO-7886	20.0 cm	8"
AAO-7887	23.0 cm	9"
AAO-7888	25.0 cm	10"
AAO-7889	30.0 cm	12"



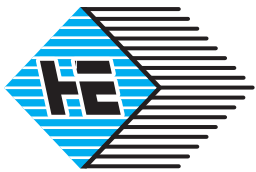
Sterilizer

REF #	SIZE cm
AAO-7890	26 x 11.5 x 16



Instruments Tray

REF #	SIZE cm
AAO-7891	20 x 7.5 x 4.0



HOLLOW WARE HOLLOW WARE

Instruments Tray, Instruments Box, Sterilizing Box,

olten
Instruments



Instruments Tray With Lid

REF #	SIZE cm
AAO-7892	20.0 x 15.0 x 5.0
AAO-7893	25.0 x 20.0 x 5.0
AAO-7894	30.0 x 20.0 x 5.0
AAO-7895	30.0 x 25.0 x 5.0
AAO-7896	35.0 x 25.0 x 5.0
AAO-7897	35.0 x 30.0 x 5.0
AAO-7898	40.0 x 20.0 x 5.0
AAO-7899	45.0 x 30.0 x 5.0
AAO-7900	20.0 x 15.0 x 6.5
AAO-7901	25.0 x 20.0 x 6.5
AAO-7902	30.0 x 20.0 x 6.5
AAO-7903	30.0 x 25.0 x 6.5
AAO-7904	35.0 x 25.0 x 6.5
AAO-7905	35.0 x 30.0 x 6.5
AAO-7906	40.0 x 20.0 x 6.5
AAO-7907	45.0 x 30.0 x 6.5
AAO-7908	45.0 x 30.0 x 10.0



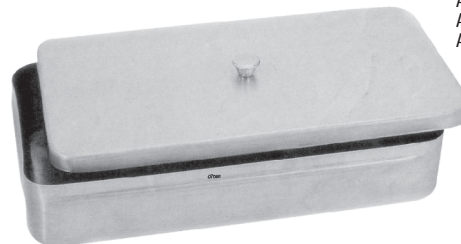
Instruments Tray Without Lid

REF #	SIZE cm
AAO-7909	20.0 x 15.0 x 5.0
AAO-7910	25.0 x 20.0 x 5.0
AAO-7911	30.0 x 20.0 x 5.0
AAO-7912	30.0 x 25.0 x 5.0
AAO-7913	35.0 x 25.0 x 5.0
AAO-7914	35.0 x 30.0 x 5.0
AAO-7915	40.0 x 20.0 x 5.0
AAO-7916	45.0 x 30.0 x 5.0
AAO-7917	20.0 x 15.0 x 6.5
AAO-7918	25.0 x 20.0 x 6.5
AAO-7919	30.0 x 20.0 x 6.5
AAO-7920	30.0 x 25.0 x 6.5
AAO-7921	35.0 x 25.0 x 6.5
AAO-7922	35.0 x 30.0 x 6.5
AAO-7923	40.0 x 20.0 x 6.5
AAO-7924	45.0 x 30.0 x 6.5
AAO-7925	45.0 x 30.0 x 10.0



Instruments Box

REF #	SIZE cm
AAO-7926	25.5 x 15.0 x 5.0
AAO-7927	30.0 x 20.0 x 6.5
AAO-7928	30.0 x 30.0 x 11.5
AAO-7929	35.0 x 24.0 x 9.0
AAO-7930	40.5 x 30.0 x 10.0
AAO-7931	56.0 x 35.5 x 10.0



Instruments Box

REF #	SIZE cm
AAO-7932	25.5 x 15.0 x 5.0
AAO-7933	30.0 x 20.0 x 6.5
AAO-7934	30.0 x 30.0 x 11.5
AAO-7935	35.0 x 24.0 x 9.0
AAO-7936	40.5 x 30.0 x 10.0
AAO-7937	56.0 x 35.5 x 10.0



Sterilizing Box

REF #	SIZE cm
AAO-7938	20.0 x 10.0 x 4.0
AAO-7939	20.0 x 15.0 x 4.0
AAO-7940	20.0 x 15.0 x 5.0
AAO-7941	30.0 x 20.0 x 4.0
AAO-7942	30.0 x 20.0 x 4.5
AAO-7943	30.0 x 20.0 x 5.0
AAO-7944	30.0 x 20.0 x 7.5
AAO-7945	40.0 x 20.0 x 10.0
AAO-7946	40.0 x 30.0 x 10.0
AAO-7947	46.0 x 20.0 x 12.0
AAO-7948	46.0 x 30.0 x 10.0
AAO-7949	51.0 x 20.0 x 9.0
AAO-7950	51.0 x 20.0 x 12.5
AAO-7951	56.0 x 35.5 x 10.0



Sterilizing Box

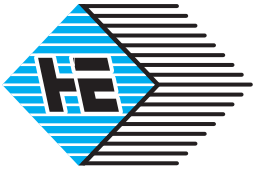
REF #	SIZE cm
AAO-7952	30.0 x 20.0 x 7.5
AAO-7953	40.0 x 20.0 x 10.0
AAO-7954	40.0 x 30.0 x 10.0
AAO-7955	46.0 x 20.0 x 12.0
AAO-7956	46.0 x 30.0 x 10.0
AAO-7957	51.0 x 20.0 x 9.0
AAO-7958	51.0 x 20.0 x 12.5
AAO-7959	56.0 x 35.5 x 10.0



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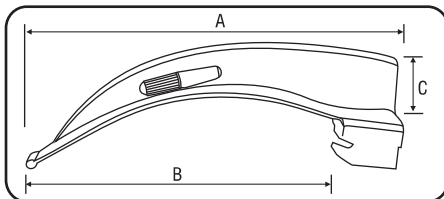
ABO-8301 - to -ABO-8384

olten
Instruments



Laryngoscope Macintosh Blades Conventional

Ref #	Shape	A	B	C
ABO-8301	Mac 00	65 mm	44 mm	12 mm
ABO-8302	Mac 0	80 mm	58 mm	13 mm
ABO-8303	Mac 1	92 mm	70 mm	14 mm
ABO-8304	Mac 2	100 mm	78 mm	17 mm
ABO-8305	Mac 3	130 mm	108 mm	18 mm
ABO-8306	Mac 4	155 mm	133 mm	18 mm
ABO-8307	Mac 5	180 mm	152 mm	20 mm



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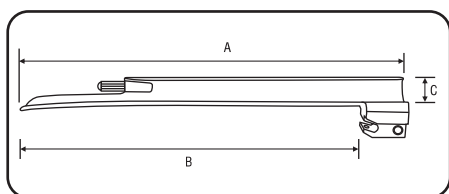
GENERAL INSTRUMENTS

ANESTHESIA
Laryngoscope Miller Blades

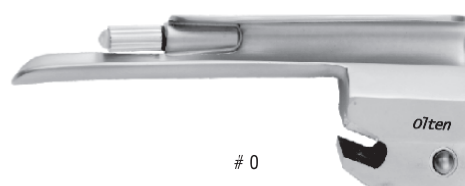
o1ten
Instruments

Laryngoscope Miller Blades Conventional

Ref #	Shape	A	B	C
ABO-8308	Mill 00	65 mm	43 mm	8.5 mm
ABO-8309	Mill 0	77 mm	55 mm	8.5 mm
ABO-8310	Mill 1	102 mm	80 mm	8.5 mm
ABO-8311	Mill 2	153 mm	131 mm	11 mm
ABO-8312	Mill 3	195 mm	173 mm	11 mm
ABO-8313	Mill 4	205 mm	183 mm	14 mm



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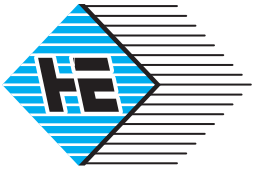
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4



GENERAL INSTRUMENTS

ANESTHESIA

Laryngoscope Battery Handle Conventional & Fiber Optic

olten
Instruments



Ref # AB0-8314
Small / Pedia

Ref # AB0-8315
Standard / Adult

Conventional
Battery Handle



Ref # AB0-8316
Small / Pedia

Ref # AB0-8317
Standard / Adult

Conventional
Battery Handle



AB0-8318
Conventional
Short Battery Handle



Ref # AB0-8319
Small / Pedia

Ref # AB0-8320
Standard / Adult

Fiber Optic
Battery Handle
With Halogen Lamp



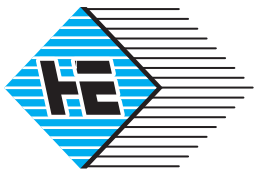
Ref # AB0-8321
Small / Pedia

Ref # AB0-8322
Standard / Adult

Fiber Optic
Battery Handle
With Halogen Lamp



AB0-8323
Fiber Optic
Short Battery Handle
With Halogen Lamp



GENERAL INSTRUMENTS

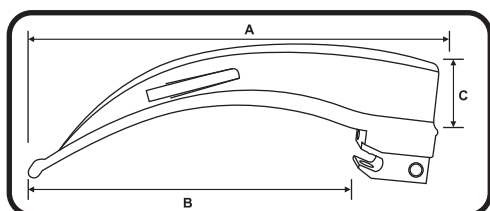
ANESTHESIA

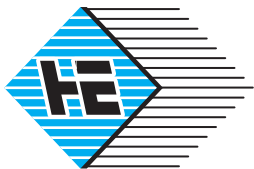
Fiber Optic Laryngoscopes Macintosh Blades

oiten
Instruments

Fiber Optic Laryngoscope Macintosh Blades

Ref #	Shape	A	B	C
AB0-8324	Mac 00	66 mm	45 mm	11 mm
AB0-8325	Mac 0	80 mm	55 mm	13 mm
AB0-8326	Mac 1	92 mm	67 mm	14 mm
AB0-8327	Mac 2	100 mm	75 mm	17 mm
AB0-8328	Mac 3	130 mm	105 mm	18 mm
AB0-8329	Mac 4	155 mm	130 mm	18 mm
AB0-8330	Mac 5	175 mm	151 mm	25 mm





GENERAL INSTRUMENTS

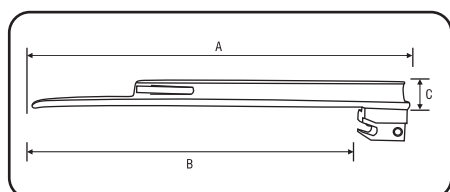
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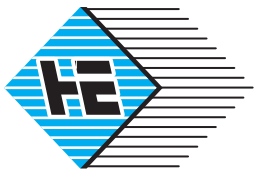
Fiber Optic Laryngoscope Miller Blades

o1ten
Instruments

Fiber Optic Laryngoscope Miller Blades

Ref #	Shape	A	B	C
ABO-8331	Mill 00	65 mm	43 mm	8.5 mm
ABO-8332	Mill 0	77 mm	55 mm	8.5 mm
ABO-8333	Mill 1	102 mm	80 mm	8.5 mm
ABO-8334	Mill 2	153 mm	131 mm	11 mm
ABO-8335	Mill 3	195 mm	173 mm	11 mm
ABO-8336	Mill 4	205 mm	183 mm	14 mm





GENERAL INSTRUMENTS

ANESTHESIA

Laryngoscope Sets Conventional

Olten
Instruments



**Ref # Macintosh Conventional
ABO-8337 Set of 4 pcs.**

ABO-8315 Standard Battery Handle
ABO-8303 Macintosh Blade # 1
ABO-8304 Macintosh Blade # 2
ABO-8305 Macintosh Blade # 3

**Ref # Macintosh Conventional
ABO-8338 Set of 5 pcs.**

ABO-8315 Standard Battery Handle
ABO-8302 Macintosh Blade # 0
ABO-8303 Macintosh Blade # 1
ABO-8304 Macintosh Blade # 2
ABO-8305 Macintosh Blade # 3

**Ref # Macintosh Conventional
ABO-8339 Set of 5 pcs.**

ABO-8315 Standard Battery Handle
ABO-8303 Macintosh Blade # 1
ABO-8304 Macintosh Blade # 2
ABO-8305 Macintosh Blade # 3
ABO-8306 Macintosh Blade # 4



**Ref # Miller Conventional
ABO-8340 Set of 4 pcs.**

ABO-8315 Standard Battery Handle
ABO-8310 Miller Blade # 1
ABO-8311 Miller Blade # 2
ABO-8312 Miller Blade # 3

**Ref # Miller Conventional
ABO-8341 Set of 5 pcs.**

ABO-8315 Standard Battery Handle
ABO-8309 Miller Blade # 0
ABO-8310 Miller Blade # 1
ABO-8311 Miller Blade # 2
ABO-8312 Miller Blade # 3

**Ref # Miller Conventional
ABO-8342 Set of 5 pcs.**

ABO-8315 Standard Battery Handle
ABO-8310 Miller Blade # 1
ABO-8311 Miller Blade # 2
ABO-8312 Miller Blade # 3
ABO-8313 Miller Blade # 4



**Ref # Macintosh Conventional
ABO-8343 Pedia Set of 4 pcs.**

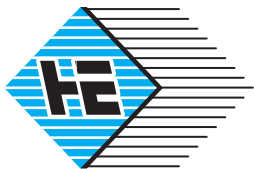
ABO-8314 Small Battery Handle
ABO-8301 Macintosh Blade # 00
ABO-8302 Macintosh Blade # 0
ABO-8303 Macintosh Blade # 1

**Ref # Miller Conventional
ABO-8344 Pedia Set of 4 pcs.**

ABO-8314 Small Battery Handle
ABO-8308 Miller Blade # 00
ABO-8309 Miller Blade # 0
ABO-8310 Miller Blade # 1

**Ref # Combination Conventional
ABO-8345 Set of 5 pcs.**

ABO-8315 Standard Battery Handle
ABO-8309 Miller Blade # 0
ABO-8310 Miller Blade # 1
ABO-8304 Macintosh Blade # 2
ABO-8305 Macintosh Blade # 3



GENERAL INSTRUMENTS

ANESTHESIA

Fiber Optic Laryngoscope Sets

olten
Instruments



Ref # Fiber Optic Macintosh ABO-8346 Set of 4 pcs.

ABO-8320 Standard Battery Handle
ABO-8326 Macintosh Blade # 1
ABO-8327 Macintosh Blade # 2
ABO-8328 Macintosh Blade # 3

Ref # Fiber Optic Macintosh ABO-8348 Set of 5 pcs.

ABO-8320 Standard Battery Handle
ABO-8326 Macintosh Blade # 1
ABO-8327 Macintosh Blade # 2
ABO-8328 Macintosh Blade # 3
ABO-8329 Macintosh Blade # 4



Ref # Fiber Optic Miller ABO-8349 Set of 4 pcs.

ABO-8320 Standard Battery Handle
ABO-8333 Miller Blade # 1
ABO-8334 Miller Blade # 2
ABO-8335 Miller Blade # 3

Ref # Fiber Optic Miller ABO-8351 Set of 5 pcs.

ABO-8320 Standard Battery Handle
ABO-8333 Miller Blade # 1
ABO-8334 Miller Blade # 2
ABO-8335 Miller Blade # 3
ABO-8336 Miller Blade # 4



Ref # Fiber Optic Macintosh ABO-8352 Pedia Set of 4 pcs.

ABO-8319 Small Battery Handle
ABO-8324 Macintosh Blade # 00
ABO-8325 Macintosh Blade # 0
ABO-8326 Macintosh Blade # 1

Ref # Fiber Optic Combination ABO-8354 Set of 5 pcs.

ABO-8320 Standard Battery Handle
ABO-8332 Miller Blade # 0
ABO-8333 Miller Blade # 1
ABO-8327 Macintosh Blade # 2
ABO-8328 Macintosh Blade # 3

Ref # Fiber Optic Macintosh ABO-8347 Set of 5 pcs.

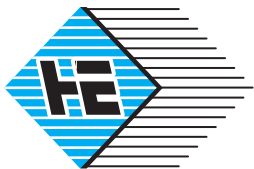
ABO-8320 Standard Battery Handle
ABO-8325 Macintosh Blade # 0
ABO-8326 Macintosh Blade # 1
ABO-8327 Macintosh Blade # 2
ABO-8328 Macintosh Blade # 3

Ref # Fiber Optic Miller ABO-8350 Set of 5 pcs.

ABO-8320 Standard Battery Handle
ABO-8332 Miller Blade # 0
ABO-8333 Miller Blade # 1
ABO-8334 Miller Blade # 2
ABO-8335 Miller Blade # 3

Ref # Fiber Optic Miller ABO-8353 Pedia Set of 4 pcs.

ABO-8319 Small Battery Handle
ABO-8331 Miller Blade # 00
ABO-8332 Miller Blade # 0
ABO-8333 Miller Blade # 1



GENERAL INSTRUMENTS

ANESTHESIA

LED Laryngoscope Battery Handle, Magil Forcep,
Disposable Laryngoscope Blade, Lamps

olten
Instruments



Ref # ABO-8355
Small / Pedia

Ref # ABO-8356
Standard / Adult

Fiber Optic
Battery Handle With LED



REF #	SIZE cm	SIZE in
ABO-8357	15.0 cm	6"
ABO-8358	20.0 cm	8"
ABO-8359	25.0 cm	10"

Magil Forceps

ABO-8360	Macintosh # 00
ABO-8361	Macintosh # 0
ABO-8362	Macintosh # 1
ABO-8363	Macintosh # 2
ABO-8364	Macintosh # 3
ABO-8365	Macintosh # 4
ABO-8366	Macintosh # 5

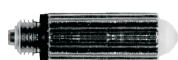
ABO-8367	Miller # 00
ABO-8368	Miller # 0
ABO-8369	Miller # 1
ABO-8370	Miller # 2
ABO-8371	Miller # 3
ABO-8372	Miller # 4



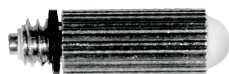
Disposable Blade



Disposable Blade



Ref # ABO-8373



Ref # ABO-8374

Lamp

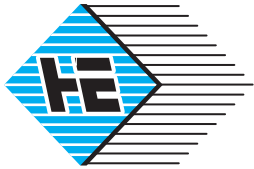


Ref # ABO-8375



Ref # ABO-8376

Lamp



GENERAL INSTRUMENTS

ANESTHESIA

Flex Tip Laryngoscope Blades, Sets

o/ten
Instruments



Ref # Conventional Flex Tip Laryngoscope Set
ABO-8377 Set of 2 pcs.

ABO-8315 Battery Handle

ABO-8381 Blade # 3



Ref # Conventional Flex Tip Laryngoscope Set
ABO-8378 Set of 2 pcs.

ABO-8315 Battery Handle

ABO-8382 Blade # 4

Ref # Fiber Optic Flex Tip Laryngoscope Set
ABO-8379 Set of 2 pcs.

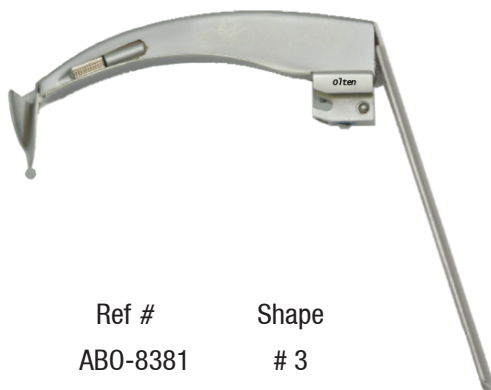
ABO-8320 Battery Handle

ABO-8383 Blade # 3

Ref # Fiber Optic Flex Tip Laryngoscope Set
ABO-8380 Set of 2 pcs.

ABO-8320 Battery Handle

ABO-8384 Blade # 4



Ref #	Shape
ABO-8381	# 3
ABO-8382	# 4

Conventional Flex Tip Laryngoscope Blade



Ref #	Shape
ABO-8383	# 3
ABO-8384	# 4

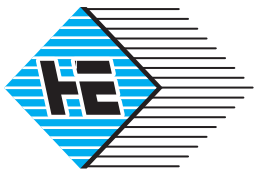
Fiber Optic Flex Tip Laryngoscope Blade



SURGERY SETS

ACO-8501 - to -ACO-8516

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Instruments

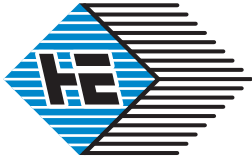


GENERAL INSTRUMENTS
SURGERY SETS
Surgery Set

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Instruments



- ACO-8501 MINOR SURGERY SET WITH STERILIZING BOX
- ACO-8502 MAJOR SURGERY SET WITH STERILIZING BOX
- ACO-8503 CEASARIAN SET WITH STERILIZING BOX
- ACO-8504 CERVICAL INSPECTION SET WITH STERILIZING BOX
- ACO-8505 CUT DOWN SET WITH STERILIZING BOX
- ACO-8506 CURETTAGE SET WITH STERILIZING BOX
- ACO-8507 D & C (DILATION & CURATTAGE) SET WITH STERILIZING BOX
- ACO-8508 IUD INSERTION SET WITH STERILIZING BOX
- ACO-8509 BASIC LAPAROTOMY SET WITH STERILIZING BOX
- ACO-8510 NSVD (NORMAL SPONTANEOUS VAGINAL DELIVERY SET) WITH STERILIZING BOX
- ACO-8511 MAJOR ORTHOPEDIC SET WITH STERILIZING BOX
- ACO-8512 OB / DELIVERY SET WITH STERILIZING BOX
- ACO-8513 SUTURE SET WITH STERILIZING BOX
- ACO-8514 NSV (NON-SCALPEL VASECTOMY SET) WITH STERILIZING BOX
- ACO-8515 CIRCUMCISSION SET WITH STERILIZING BOX
- ACO-8516 HYSTERECTOMY SET WITH STERILIZING BOX



General Surgery sets

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Instruments

280 ACO-8501 MINOR SURGERY SET WITH STERILIZING BOX (set of 36-pcs.)

Page	Art. #	Cat-Description	Qty.
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
6	BO-0140	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" STR	
8	BO-0241	Metzenbaum nelson dissecting scissors.....	1
		18.0 cm 7" cvd blt-blit	
25	CO-0602	Standard Dressing Forceps (slender pattern)	1
		14.5 cm 5 1/2" str	
26	CO-0638	Standard Dissecting Forceps (Standard Pattern).....	1
		14.5 cm 5 3/4" str 1x2 teeth	
37	DO-0888	Halsted Mosquito Haemostatic Forceps.....	4
		12.5 cm 5" w/o teeth cvd	
37	DO-0884	Halsted Mosquito Haemostatic Forceps.....	4
		12.5 cm 5" w/o teeth str	
38	DO-0942	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" cvd.....	4
46	DO-1158	Backhaus Towel Clamp 09.0 cm 3 1/2" cvd.....	6
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw).....	2
		24.0 cm 9 1/2" str	
54	EO-1359	Cushing Saddle Hook 20.5 cm 8" 14 mm.....	2
54	EO-1372	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.3.....	2
78	FO-1834	Standard Probe 14.0 cm 5 1/2".....	1
78	FO-1824	Standard Probe 14.5 cm 5 3/4" Dia 2mm with eye.....	1
83	HO-2006	Yankauer Suction Tube 31.0 cm 12 1/4" Complete.....	1
		with suction tip and connector	
88	IO-2163	Crile Wood Needle Holder 15.0 cm 6" STR.....	2
270	AAO-7943	Sterilizing Box 30.0 x 20.0 x 5.0 cm.....	1

280 ACO-8502 MAJOR SURGERY SET WITH STERILIZING BOX (set of 123-pcs)

Page	Art. #	Cat-Description	Qty.
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	1
5	AO-0063	Standard Scalpel Handle 16.0 cm 6 1/4" Shape No.7.....	1
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
6	BO-0140	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" STR	
8	BO-0241	Metzenbaum nelson dissecting scissors.....	1
		18.0 cm 7" cvd blt-blit	
19	BO-0420	Universal wire cutting scissors (toothed).....	1
		12.0 cm 4 3/4"	
25	CO-0602	Standard Dressing Forceps (slender pattern)	2
		14.5 cm 5 1/2" str	
25	CO-0605	Standard Dressing Forceps (slender pattern)	1
		20.0 cm 8" str	
26	CO-0641	Standard Dissecting Forceps (Standard Pattern).....	1
		20.0 cm 8" str 1x2 teeth	
26	CO-0638	Standard Dissecting Forceps (Standard Pattern).....	2
		14.5 cm 5 3/4" str 1x2 teeth	
37	DO-0888	Halsted Mosquito Haemostatic Forceps.....	12
		12.5 cm 5" w/o teeth cvd	
37	DO-0884	Halsted Mosquito Haemostatic Forceps.....	12
		12.5 cm 5" w/o teeth str	
38	DO-0942	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" cvd.....	6
38	DO-0941	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" str.....	6
40	DO-0999	Pean(Rochester) Haemostatic Forceps.....	12
		16.0 cm 6 1/4" CVD	
40	DO-1007	Kocher (Ochsner) Haemostatic Forceps.....	6
		1x2 teeth 16.0 cm 6 1/4" STR	
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	12
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw).....	6
		24.0 cm 9 1/2" str	
54	EO-1357	Cushing Saddle Hook 20.5 cm 8" 10 mm.....	2
54	EO-1373	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.4.....	2
54	EO-1374	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.5.....	2
59	EO-1496	Kelly Grip Reractor 26.0 cm 10 1/4" 64x76 mm Fig.3.....	2
59	EO-1495	Kelly Grip Reractor 26.0 cm 10 1/4" 51x64 mm Fig.2.....	2
59	EO-1494	Kelly Grip Reractor 26.0 cm 10 1/4" 38x51 mm Fig.1.....	2
62	EO-1562	Deaver Retractor 31.0 cm 12 1/4" 50 mm Fig.8.....	2
66	EO-1614	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 21x15 mm ,40x15 mm Fig.1	
66	EO-1615	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 25x15 mm ,45x15 mm Fig.2	
67	EO-1627	Ribbon Retractor 33.0 cm 13" 40.0 mm.....	2
67	EO-1625	Ribbon Retractor 33.0 cm 13" 25.0 mm.....	1
77	EO-1741	Balfour Abdominal Retractor 20.0 cm 8"	1
		Lateral Blades 70x35 mm Central blades 45x80 mm Opening 200 mm	
78	FO-1834	Standard Probe 14.0 cm 5 1/2".....	1
78	FO-1824	Standard Probe 14.5 cm 5 3/4" Dia mm with eye.....	1
83	HO-2008	Poole Suction Tube 22.0 cm 8 3/4" Dia 10mm.....	1
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm 6 1/4".....	2
		cross serrated grooved jaw STR	
90	IO-2183	Mayo Hegar Needle Holder 18.5 cm 7 1/4".....	2
		cross serrated grooved jaw STR	
97	IO-2361	Deschamps Ligature Needle 28.0 cm 11" Left/blunt.....	1
97	IO-2365	Deschamps Ligature Needle 28.0 cm 11" Right/blunt.....	1

Page	Art. #	Cat-Description	Qty.
180	PO-5654	Allis 15.0 cm 6" 5x6 Teeth.....	6
181	PO-5678	Babcock 15.5 cm 6" STR.....	2
270	AAO-7958	Sterilizing Box 51.0 x 20.0 x 12.5 cm.....	1

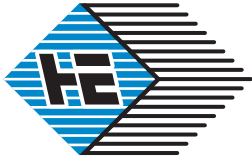
280 ACO-8503 CEASARIAN SET WITH STERILIZING BOX (set of 155-pcs)

Page	Art. #	Cat-Description	Qty.
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
3	AO-0049	Standard Scalpal Handle 21.5 cm 8 1/2" Shape No.3L.....	1
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	1
5	AO-0063	Standard Scalpel Handle 16.0 cm 6 1/4" Shape No.7.....	1
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
6	BO-0140	Standard operating scissors blunt/sharp.....	2
		14.5 cm 5 1/2" STR	
8	BO-0241	Metzenbaum nelson dissecting scissors.....	1
		18.0 cm 7" cvd blt-blit	
19	BO-0420	Universal wire cutting scissors (toothed).....	1
		12.0 cm 4 3/4"	
25	CO-0602	Standard Dressing Forceps (slender pattern).....	2
		14.5 cm 5 1/2" str	
25	CO-0605	Standard Dressing Forceps (slender pattern).....	2
		20.0 cm 8" str	
26	CO-0638	Standard Dissecting Forceps (Standard Pattern).....	2
		14.5 cm 5 3/4" str 1x2 teeth	
37	DO-0888	Halsted Mosquito Haemostatic Forceps.....	12
		12.5 cm 5" w/o teeth cvd	
37	DO-0884	Halsted Mosquito Haemostatic Forceps.....	12
		12.5 cm 5" w/o teeth str	
38	DO-0942	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" cvd.....	6
38	DO-0941	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" str.....	6
40	DO-0999	Pean(Rochester) Haemostatic Forceps.....	14
		16.0 cm 6 1/4" CVD	
40	DO-1007	Kocher (Ochsner) Haemostatic Forceps.....	6
		1x2 teeth 16.0 cm 6 1/4" STR	
44	DO-1120	Phaneuf Hysterectomy Forceps 20.0 cm.....	4
		8" 1x2 Teeth 60 Degree Angle	
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	12
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw).....	12
		24.0 cm 9 1/2" str	
54	EO-1357	Cushing Saddle Hook 20.5 cm 8" 10 mm.....	2
54	EO-1373	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.4.....	2
54	EO-1374	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.5.....	2
59	EO-1496	Kelly Grip Reractor 26.0 cm 10 1/4" 64x76 mm Fig.3.....	2
59	EO-1495	Kelly Grip Reractor 26.0 cm 10 1/4" 51x64 mm Fig.2.....	2
59	EO-1494	Kelly Grip Reractor 26.0 cm 10 1/4" 38x51 mm Fig.1.....	2
62	EO-1562	Deaver Retractor 31.0 cm 12 1/4" 50 mm Fig.8.....	2
66	EO-1614	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 21x15 mm ,40x15 mm Fig.1	
66	EO-1615	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 25x15 mm ,45x15 mm Fig.2	
67	EO-1627	Ribbon Retractor 33.0 cm 13" 40.0 mm.....	2
67	EO-1625	Ribbon Retractor 33.0 cm 13" 25.0 mm.....	1
77	EO-1741	Balfour Abdominal Retractor 20.0 cm.....	1
		8" Lateral Blades 70x35 mm Central blades 45x80 mm Opening 200 mm	
78	FO-1834	Standard Probe 14.0 cm 5 1/2".....	1
78	FO-1824	Standard Probe 14.5 cm 5 3/4" Dia 2 mm with eye.....	1
83	HO-2008	Poole Suction Tube 22.0 cm 8 3/4" Dia 10mm	1
90	IO-2192	Heaney Needle Holder 20.5 cm.....	2
		8" cross serrated CVD	
90	IO-2186	Mayo Hegar Needle Holder 26.5 cm 10 1/2".....	2
		cross serrated grooved jaw STR	
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm 6 1/4"	2
		cross serrated grooved jaw STR	
90	IO-2183	Mayo Hegar Needle Holder 18.5 cm 7 1/4".....	2
		cross serrated grooved jaw STR	
97	IO-2361	Deschamps Ligature Needle 28.0 cm 11" Left/blunt.....	1
97	IO-2365	Deschamps Ligature Needle 28.0 cm 11" Right/blunt.....	1
180	PO-5654	Allis 15.0 cm 6" 5x6 Teeth.....	6
181	PO-5678	Babcock 15.5 cm 6" STR.....	2
200	RO-6439	De Lee Universal Retractor 24.0 cm.....	1
		9 1/2" Blade 7cm x 5 cm	
201	SO-6507	Simpson Braun Obstetrical Forceps 36.5 cm 14 1/4".....	1
270	AAO-7954	Sterilizing Box 40.0 x 30.0 x 10.0 cm.....	1

280 ACO-8504 CERVICAL INSPECTION SET WITH STERILIZING BOX (set of 13-pcs)

Page	Art. #	Cat-Description	Qty.
14	BO-0335	Braun-stadler episiotomy scissors 14.5 cm 5 1/2".....	1
25	CO-0604	Standard Dressing Forceps (slender pattern) 18.0 cm 7" str	1
26	CO-0640	Standard Dissecting Forceps (Standard Pattern).....	1
		18.0 cm 7" str 1x2 teeth	
49	DO-1214	Foerster Sponge Forceps (Serrated Jaw) 24.0 cm 9 1/2" cvd	1
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw) 24.0 cm 9 1/2" str	1
189	RO-5931	Kristeller Set 110x27mm,115x23mm	1

Continued on next page



General Surgery sets

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Page	Art. #	Cat-Description	Qty
190	RO-5953	Grave vaginal Speculum 35x115mm.....	1
190	RO-5952	Grave vaginal Speculum 35x95mm.....	1
190	RO-5951	Grave vaginal Speculum 20x75mm.....	1
196	RO-6095	Novak Suction Curette W/wire 24.5 cm..... 9 3/4" Dia 4.0 mm	1
197	RO-6109	Kevorkian Uterine Biopsy Forceps..... Shaft size 25.0 cm 9 3/4"	1
199	RO-6365	Recamier Uterine Curette Blunt..... Rigid 31.0 cm 12 1/2" 6 mm Fig.0	1
199	RO-6346	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 6 mm Fig.0	1
270	AAO-7953	Sterilizing Box 40.0 x 20.0 x 10.0 cm.....	1

Page	Art. #	Cat-Description	Qty
3	AO-0047	Standard Scalpel handle 12.0 cm..... 4 3/4" Shape No.3	1
25	CO-0612	Adson Dressing Forceps 12.0cm..... 4 3/4" STR	1
28	CO-0671	Adson Dissecting Forceps 12.0 cm 4 3/4" str 1x2 teeth	1
37	DO-0888	Halsted Mosquito Haemostatic..... Forceps 12.5 cm 5" w/o teeth cvd	4
37	DO-0884	Halsted Mosquito Haemostatic..... Forceps 12.5 cm 5" w/o teeth str	2
46	DO-1158	Backhaus Towel Clamp 09.0 cm 3 1/2" cvd.....	2
49	DO-1209	Foerster Sponge Forceps..... (Serrated Jaw) 18.0 cm 7" str	1
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm 6 1/4"..... cross serrated grooved jaw STR	1
174	MO-5490	Schmieden Dura Scissors 16.5 cm 6 1/2".....	1
174	MO-5491	Adson Ganglion Scissors 16.5 cm 6 1/2".....	1
270	AAO-7943	Sterilizing Box 30.0 x 20.0 x 5.0 cm.....	1

Page	Art. #	Cat-Description	Qty
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
25	CO-0605	Standard Dressing Forceps..... (slender pattern) 20.0 cm 8" str	1
26	CO-0638	Standard Dissecting Forceps..... (Standard Pattern) 14.5 cm 5 3/4" str 1x2 teeth	1
38	DO-0941	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" str.....	2
38	DO-0942	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" cvd.....	2
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	4
49	DO-1211	Foerster Sponge Forceps..... (Serrated Jaw) 24.0 cm 9 1/2" str	4
49	DO-1200	Bozemann Sponge Forceps 26.0 cm 10 1/4" cvd.....	1
90	IO-2183	Mayo Hegar Needle Holder 18.5 cm..... 7 1/4" cross serrated grooved jaw STR	1
190	RO-5973	Auward Weight Speculum 38x80mm.....	1
192	RO-6055	Hank Uterine Dilator 26.5 cm 10 1/2" 4.5/5.0 mm.....	1
192	RO-6056	Hank Uterine Dilator 26.5 cm 10 1/2" 5.5/6.0 mm.....	1
192	RO-6057	Hank Uterine Dilator 26.5 cm 10 1/2" 6.5/7.0 mm.....	1
192	RO-6058	Hank Uterine Dilator 26.5 cm 10 1/2" 7.5/8.0 mm.....	1
192	RO-6059	Hank Uterine Dilator 26.5 cm 10 1/2" 8.5/9.0 mm.....	1
192	RO-6060	Hank Uterine Dilator 26.5 cm 10 1/2" 9.5/10.0 mm.....	1
193	RO-6066-1	Braun Uterine Tenaculum Forceps 25.5 cm 10".....	2
194	RO-6072	Lowa Uterine Tenaculum Forceps 26.0 cm 10 1/4".....	1
210	UO-6625	Aligator Forceps 7.5cm 3"Shaft Standard.....	1
199	RO-6348	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 8 mm Fig.2	1
199	RO-6350	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 11 mm Fig.4	1
199	RO-6351	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 12 mm Fig.5	1
199	RO-6442	Thomas Irrigating Uterine Curette 10 1/2" fig.1 7mm.....	1
199	RO-6444	Thomas Irrigating Uterine Curette 10 1/2" fig.3 9mm.....	1
270	AAO-7955	Sterilizing Box 46.0 x 20.0 x 12.0 cm.....	1

Page	Art. #	D & C (DILATION AND CURETTAGE SET)(WITH STERILIZING BOX)(set of 26 pcs)	Qty
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
3	AO-0049	Standard Scalpel Handle 21.5 cm 8 1/2" Shape No.3L.....	1
25	CO-0605	Standard Dressing Forceps..... (slender pattern) 20.0 cm 8" str	1
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	4
49	DO-1200	Bozemann Sponge Forceps 26.0 cm 10 1/4" cvd.....	1
49	DO-1211	Foerster Sponge Forceps..... (Serrated Jaw) 24.0 cm 9 1/2" str	1
90	IO-2184	Mayo Hegar Needle Holder 20.5 cm..... 8" cross serrated grooved jaw STR	1
190	RO-5973	Auward Weight Speculum 38x80mm.....	1
190	RO-5953	Grave vaginal Speculum 35x115mm.....	1

Page	Art. #	Cat-Description	Qty
190	RO-5952	Grave vaginal Speculum 35x95mm.....	1
190	RO-5951	Grave vaginal Speculum 20x75mm.....	1
192	RO-6043	Hegar Uterine Dilator 20.0 cm 8" Dia 3.0/4.0 mm.....	1
192	RO-6044	Hegar Uterine Dilator 20.0 cm 8" Dia 5.0/6.0 mm.....	1
192	RO-6045	Hegar Uterine Dilator 20.0 cm 8" Dia 7.0/8.0 mm.....	1
192	RO-6046	Hegar Uterine Dilator 20.0 cm 8" Dia 9.0/10.0 mm.....	1
192	RO-6047	Hegar Uterine Dilator 20.0 cm 8" Dia 11.0/12.0 mm.....	1
192	RO-6048	Hegar Uterine Dilator 20.0 cm 8" Dia 13.0/14.0 mm.....	1
192	RO-6049	Hegar Uterine Dilator 20.0 cm 8" Dia 15.0/16.0 mm.....	1
192	RO-6050	Hegar Uterine Dilator 20.0 cm 8" Dia 17.0/18.0 mm.....	1
192	RO-6062	Sims Uterine Sound 33.0 cm 13" Malleable.....	1
193	RO-6068	Beacham Amniotome 26.0 cm 10 1/4".....	1
193	RO-6066-1	Braun Uterine Tenaculum Forceps 25.5 cm 10".....	1
199	RO-6345	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 5 mm Fig.00	1
199	RO-6347	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 7 mm Fig.1	1
199	RO-6349	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 9 mm Fig.3	1
199	RO-6351	Recamier Uterine Curette Sharp..... Rigid 31.0 cm 12 1/2" 12 mm Fig.5	1
270	AAO-7953	Sterilizing Box 40.0 x 20.0 x 10.0 cm.....	1

Page	Art. #	Cat-Description	Qty
7	BO-0214	Sims Gynecological scissors 23.0 cm 9" CVD.....	1
49	DO-1211	Foerster Sponge Forceps..... (Serrated Jaw) 24.0 cm 9 1/2" str	1
49	DO-1200	Bozemann Sponge Forceps 26.0 cm 10 1/4" cvd.....	1
190	RO-5953	Grave vaginal Speculum 35x115mm.....	1
190	RO-5952	Grave vaginal Speculum 35x95mm.....	1
190	RO-5951	Grave vaginal Speculum 20x75mm.....	1
192	RO-6062	Sims Uterine Sound 33.0 cm 13" Malleable.....	1
193	RO-6066-1	Braun Uterine Tenaculum Forceps 25.5 cm 10".....	1
210	UO-6631	Aligator Forceps 25.5cm 10"Shaft Standard.....	1
258	AAO-7717	Round Bowl Dia 15.7cm Depth 4.5cm Capacity 0.75 Liter.....	1
260	AAO-7739	Kidney Dish 20.0cm 8".....	1
269	AAO-7872	Forcep Jar Dia 5.0cm 10.0cm 4".....	1
40	DO-0993	Pean(Rochester) Haemostatic Forceps 20.0 cm 8" STR.....	1
44	DO-1122	Heaney Hysterectomy Forceps 21.5 cm 8 1/2" Fig.1.....	1
193	RO-6068	Beacham Amniotome 26.0 cm 10 1/4".....	1
270	AAO-7954	Sterilizing Box 40.0 x 30.0 x 10.0 cm.....	1

Page	Art. #	Cat-Description	Qty
25	CO-0612	Adson Dressing Forceps 12.0cm 4 3/4" STR.....	1
28	CO-0671	Adson Dissecting Forceps 12.0 cm 4 3/4" str 1x2 teeth.....	1
180	PO-5657	Allis 24.0 cm 9 1/2" 5x6 Teeth.....	2
180	PO-5654	Allis 15.0 cm 6" 5x6 Teeth.....	2
37	DO-0877	Mixer Baby Dissecting Forceps 13.5 cm 5 1/4" Fig. 1.....	1
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	8
76	EO-1739	Balfour Abdominal Retractor Interchangeable..... opening 7" central blade 45x80mm	1
181	PO-5678	Babcock 15.5 cm 6" STR.....	2
181	PO-5681	Babcock 24.0 cm 9 1/2" STR.....	2
26	CO-0626	Cushing Dressing Forceps 17.5 cm 7" str.....	1
62	EO-1558	Deaver Retractor 31.0 cm 12 1/4" 25 mm Fig.4.....	1
62	EO-1562	Deaver Retractor 31.0 cm 12 1/4" 50 mm Fig.8.....	1
157	LO-5119	Debaque Vascular Forceps 20.0 cm 8" 2.0mm Tip.....	1
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw) 24.0 cm 9 1/2" str... 40x40mm,30x30 mm Fig.1	1
269	AAO-7870	Forceps Holder With Secure Looking Device 30.0cm 12".....	1
269	AAO-7868	Forceps Holder With Secure Looking Device 20.0cm 8".....	1
269	AAO-7869	Forceps Holder With Secure Looking Device 25.0cm 10".....	1
65	EO-1603	Goelet Retractor 19.0 cm 7 1/2" 40x40mm,30x30 mm Fig.1	2
37	DO-0888	Halsted Mosquito Haemostatic..... Forceps 12.5 cm 5" w/o teeth cvd	6
37	DO-0884	Halsted Mosquito Haemostatic..... Forceps 12.5 cm 5" w/o teeth str	6
38	DO-0929	Kelly Haemostatic Forceps 14.5 cm 5 1/2" cvd.....	12
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	6
58	EO-1488	Kelly Retractor 26.0 cm 10 1/4" 64x76 mm Fig.3.....	1
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	2
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	2
5	AO-0063	Standard Scalpel Handle 16.0 cm 6 1/4" Shape No.7.....	1
43	DO-1093	Lahey Gall Duct Clamp 19.5 cm 7 3/4" CVD.....	2
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
90	IO-2186	Mayo Hegar Needle Holder 26.5 cm 10 1/2"..... cross serrated grooved jaw STR	1
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm 6 1/4"..... cross serrated grooved jaw STR	1
90	IO-2183	Mayo Hegar Needle Holder 18.5 cm 7 1/4"..... cross serrated grooved jaw STR	1
90	IO-2184	Mayo Hegar Needle Holder 20.5 cm 8"..... cross serrated grooved jaw STR	1

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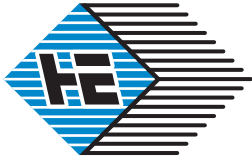


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Page	Art. #	Cat-Description	Qty
8	BO-0241	Metzenbaum nelson dissecting scissors.....	1
		18.0 cm 7" cvd blt-blit	
8	BO-0243	Metzenbaum nelson dissecting scissors.....	1
		23.0 cm 9" cvd blt-blit	
8	BO-0235	Metzenbaum nelson dissecting scissors.....	1
		23.0 cm 9" str blt-blit	
40	DO-1031	Mixter Dissecting and Ligature Forceps 18.0 cm 7 1/4".....	1
40	DO-1033	Mixter Dissecting and Ligature Forceps 23.0 cm 9".....	1
6	BO-0140	Standard operating scissors.....	1
		blunt/sharp 14.5 cm 5 1/2" STR	
83	HO-2008	Poole Suction Tube 22.0 cm 8 3/4" Dia 10mm	1
67	EO-1626	Ribbon Retractor 33.0 cm 13" 32.0 mm.....	1
67	EO-1629	Ribbon Retractor 33.0 cm 13" 50.0 mm.....	1
67	EO-1624	Ribbon Retractor 33.0 cm 13" 20.0 mm.....	1
58	EO-1484	Richardson-Eastman Retractor 26.0 cm.....	1
		10 1/4" 49 x38 mm 71x43 mm Fig.2	
58	EO-1483	Richardson-Eastman Retractor 26.0 cm.....	1
		10 1/4" 28 x20 mm 36x28 mm Fig.1	
40	DO-1007	Kocher (Ochsner) Haemostatic.....	4
		Forceps 1x2 teeth 16.0 cm 6 1/4" STR	
40	DO-0999	Pean(Rochester) Haemostatic.....	6
		Forceps 16.0 cm 6 1/4" CVD	
40	DO-1001	Pean(Rochester) Haemostatic Forceps 20.0 cm 8" CVD.....	2
30	CO-0704	Russ Modell Dissecting Forceps 20.0 cm 8" str.....	1
39	DO-0948	Schmidt Dissecting and Ligature.....	4
		Forceps 19.0 cm 7 1/2" Fig.1	
25	CO-0602	Standard Dressing Forceps.....	1
		(slender pattern) 14.5 cm 5 1/2" str	
26	CO-0638	Standard Dissecting Forceps.....	2
		(Standard Pattern) 14.5 cm 5 3/4" str 1x2 teeth	
66	EO-1614	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 21x15 mm ,40x15 mm Fig.1	
66	EO-1615	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 25x15 mm ,45x15 mm Fig.2	
83	HO-2006	Yankauer Suction Tube 31.0 cm 12 1/4".....	1
		Complete with suction tip and connector	
270	AAO-7954	Sterilizing Box 40.0 x 30.0 x 10.0 cm.....	1
280	ACO-8510	NSVD(NORMAL SPONTANEOUS VAGINAL DELIVERY SET) WITH STERILIZING BOX (set of 14-pcs)	
		Cat-Description	Qty
157	LO-5119	Debakey Vascular Forceps 20.0 cm 8" 2.0mm Tip.....	2
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	3
38	DO-0928	Kelly Haemostatic Forceps 20.5 cm 8" str.....	2
260	AAO-7738	Kidney Dish 15.0cm 6".....	1
6	BO-0183	Mayo Dissecting Scissors 14.5 cm 5 1/2" STR.....	1
40	DO-1019	Kocher (Ochsner) Haemostatic.....	2
		Forceps 1x2 teeth 24.0 cm 9 1/2" CVD	
83	HO-2008	Poole Suction Tube 22.0 cm 8 3/4" Dia 10mm.....	1
25	CO-0603	Standard Dressing Forceps.....	1
		(slender pattern) 16.0 cm 6 1/4" str	
27	CO-0658	Standard Dissecting Forceps.....	1
		(slender pattern) 16.0 cm 6 1/4" str 1x2 teeth	
270	AAO-7943	Sterilizing Box 30.0 x 20.0 x 5.0 cm.....	1
280	ACO-8511	MAJOR ORTHOPEDIC SET WITH STERILIZING BOX(set of 77-pcs)	
		Cat-Description	Qty
28	CO-0671	Adson Dissecting Forceps 12.0 cm 4 3/4" str 1x2 teeth.....	2
180	PO-5654	Allis 15.0 cm 6" 5x6 Teeth.....	6
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	6
71	EO-1686-1	Beckmann wound spreaders,self retaining.....	1
		32.0 cm 12 1/2" 4x4 teeth Blunt Fig.2	
125	KO-3171	Bannett Bone Lever 23.5 cm 9 1/4" 65 mm.....	1
125	KO-3170	Bannett Bone Lever 24.0 cm 9 1/2" 45 mm.....	1
133	KO-3277	Beyer Bone Rongeur 18.0 cm 7" CVD.....	1
136	KO-3323	Stille-Liston Bone Cutting Forceps 26.5 cm 10 1/2" CVD.....	1
122	KO-3134	Standard Bone File 24.5 cm 9 3/4" 13 mm.....	1
55	EO-1398	Kocher Retractor 22.0 cm 8 3/4" Sharp 1 Prong.....	2
136	KO-3329	satterlee saw 31 cm 12 1/4".....	1
38	DO-0942	Crile Rankin haemostatic Forceps 16.0 cm 6 1/4" cvd.....	6
88	IO-2163	Crile Wood Needle Holder 15.0 cm 6" STR.....	1
99	JO-2431	Esmarch Plaster Shears 20.0 cm.....	1
		8" Heavy Pattern short blade	
82	HO-1989	Frazier Suction Cannula 19.5 cm 7 3/4" Dia 2.6 mm	1
82	HO-1993	Frazier Suction Cannula 19.5 cm 7 3/4" Dia 4.0 mm	1
56	EO-1427	Israel Retractor 4-Pronged(40x40)mm 25.5 cm 10" Fig.1.....	1
130	KO-3227	Kern Bone Holding Forceps 18.5 cm 7 1/4".....	2
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	2
111	KO-2856	Lambotte 23.0cm ,9" 10.0mm CVD.....	1
111	KO-2845	Lambotte 23.0cm ,9" 10.0mm STR.....	1
111	KO-2857	Lambotte 23.0cm ,9" 12.0mm CVD.....	1
111	KO-2846	Lambotte 23.0cm ,9" 12.0mm STR.....	1
111	KO-2858	Lambotte 23.0cm ,9"15.0mm CVD.....	1
111	KO-2847	Lambotte 23.0cm ,9" 15.0mm STR.....	1
111	KO-2859	Lambotte 23.0cm ,9" 20.0mm CVD.....	1

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111	KO-2848	Lambotte 23.0cm ,9" 20.0mm STR.....	1
130	KO-3230	Kern Bone Holding Forceps 33.0 cm 13".....	1
120	KO-3096	Langenbeck Periosteal Elevator 19.5cm 7 3/4" 7mm.....	1
119	KO-3086	Langenbeck Periosteal Elevator 19.0cm 7 1/2".....	1
		Fig.1 16mm Round edge	
101	KO-2526	Gerster-Lowman Bone Holding Clamp.....	1
		11.5cm, 4 1/2" 3 Prong	
101	KO-2529	Gerster-Lowman Bone Holding.....	1
		Clamp 18.0cm, 7" 3 Prong	
6	BO-0188	Mayo Dissecting Scissors 14.5 cm 5 1/2" CVD.....	1
6	BO-0183	Mayo Dissecting Scissors 14.5 cm 5 1/2" STR.....	1
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
90	IO-2184	Mayo Hegar Needle Holder 20.5 cm 8".....	1
		cross serrated grooved jaw STR	
8	BO-0241	Metzenbaum nelson dissecting.....	1
		scissors 18.0 cm 7" cvd blt-blit	
116	KO-2954	Standard Mallet 26.5cm 10 1/2" Fig.1 (Dia 30mm, 450g).....	1
138	KO-3339	Murphy Lane Bone Skid.....	1
40	DO-1009	Kocher (Ochsner) Haemostatic.....	4
		Forceps 1x2 teeth 20.0 cm 8" STR	
135	KO-3318	Ruskin-Liston Bone Cutting Forceps 18.0 cm 7" CVD.....	1
39	DO-0949	Schmidt Dissecting and Ligature.....	2
		Forceps 19.0 cm 7 1/2" Fig.2	
131	KO-3244	Standard Self Centring Bone Holding.....	1
		Forceps(with thread fixation) 15.0 cm 6" 2.5 mm	
131	KO-3246	Standard Self Centring Bone Holding.....	1
		Forceps(with thread fixation) 24.0 cm 9 1/2" 9.5 mm	
134	KO-3293	Stille-Luer BoneRongeur 22.0 cm 8 3/4" CVD.....	1
26	CO-0639	Standard Dissecting Forceps (Standard Pattern).....	1
		16.0 cm 6 1/4" str 1x2 teeth	
27	CO-0655	Standard Dissecting Forceps 16.0 cm 6 1/4" str 4x5 teeth.....	1
66	EO-1614	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 21x15 mm ,40x15 mm Fig.1	
66	EO-1615	US-Army Navy Retractor 21.5 cm.....	1
		8 1/2" 25x15 mm ,45x15 mm Fig.2	
54	EO-1368	Volkman Retractor 21.5 cm 8 1/2" Sharp Fig.4.....	1
54	EO-1373	Volkman Retractor 21.5 cm 8 1/2" Blunt Fig.4.....	2
270	AAO-7958	Sterilizing Box 51.0 x 20.0 x 12.5 cm.....	1
280	ACO-8512	OB / DELIVERY SET WITH STERILIZING BOX (set of 43-pcs)	
		Cat-Description	Qty
180	PO-5654	Allis 15.0 cm 6" 5x6 Teeth.....	6
14	BO-0337	Modell USA Umbilical Scissors 10.5 cm 4 1/4".....	1
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	6
202	SO-6508	Bill Traction Handle	1
49	DO-1200	Bozemann Sponge Forceps 26.0 cm 10 1/4" cvd.....	1
14	BO-0336	Braun-stadler episiotomy scissors 22.0 cm 8 3/4".....	1
38	DO-0937	Crile haemostatic Forceps 14.0 cm 5 1/2" w/o teeth str.....	6
194	RO-6072	Lowa Uterine Tenaculum Forceps 26.0 cm 10 1/4".....	1
201	SO-6506	Kielland Obstetrical Forceps 42.0 cm 16 1/2".....	1
203	SO-6524	Pelvimeter 34.0 cm 13 1/2".....	1
90	IO-2183	Mayo Hegar Needle Holder 18.5 cm 7 1/4".....	1
		cross serrated grooved jaw STR	
202	SO-6509	MC Lean Tucker Obstetrical Forceps 39.0 cm 15 1/2".....	1
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm 6 1/4".....	1
		cross serrated grooved jaw STR	
6	BO-0140	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" STR	
201	SO-6501	Piper Obstetrical Forceps 44.0 cm 17 1/4".....	1
201	SO-6507	Simpson Braun Obstetrical Forceps 36.5 cm cm 14 1/4".....	1
49	DO-1211	Foerster Sponge Forceps.....	6
		(Serrated Jaw) 24.0 cm 9 1/2" str	
193	RO-6066-1	Braun Uterine Tenaculum Forceps 25.5 cm 10".....	2
25	CO-0602	Standard Dressing Forceps.....	2
		(slender pattern) 14.5 cm 5 1/2" str	
26	CO-0638	Standard Dissecting Forceps.....	2
		(Standard Pattern) 14.5 cm 5 3/4" str 1x2 teeth	
270	AAO-7958	Sterilizing Box 51.0 x 20.0 x 12.5 cm.....	1
280	ACO-8513	SUTURE SET WITH STERILIZING BOX (set of 15-pcs)	
		Cat-Description	Qty
25	CO-0612	Adson Dressing Forceps 12.0cm 4 3/4" STR.....	1
28	CO-0671	Adson Dissecting Forceps 12.0 cm 4 3/4" str 1x2 teeth.....	1
46	DO-1158	Backhaus Towel Clamp 09.0 cm 3 1/2" cvd.....	2
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
88	IO-2163	Crile Wood Needle Holder 15.0 cm 6" STR.....	1
6	BO-0149	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" CVD	
6	BO-0140	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" STR	
37	DO-0888	Halsted Mosquito Haemostatic Forceps.....	2
		12.5 cm 5" w/o teeth cvd	
37	DO-0884	Halsted Mosquito Haemostatic Forceps.....	2
		12.5 cm 5" w/o teeth str	
38	DO-0929	Kelly Haemostatic Forceps 14.5 cm 5 1/2" cvd.....	1
		Continued on next page	



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Page	Art. #	Cat-Description	Qty
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	1
19	BO-0420	Universal wire cutting scissors (toothed) 12.0 cm 4 3/4"	1
270	AAO-7940	Sterilizing Box 20.0 x 15.0 x 5.0 cm.....	1

280 ACO-8514 NSV(NON-SCALPEL VASECTOMY SET) WITH STERILIZING BOX (set of 8-pcs)

Page	Art. #	Cat-Description	Qty
16	BO-0364	Standard iris scissors 11.5 cm 4 1/2" str.....	1
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	3
200	RO-6441	Vasectomy Haemostate Forceps 12.5 cm.....	2
		5" CVD plane jaw	
200	RO-6440	Vasectomy Ring Forceps 14.0 cm 5 1/2".....	2
270	AAO-7938	Sterilizing Box 20.0 x 10.0 x 4.0 cm.....	1

280 ACO-8515 CIRCUMCISSION SET WITH STERILIZING BOX (set of 22-pcs)

Page	Art. #	Cat-Description	Qty
46	DO-1158	Backhaus Towel Clamp 09.0 cm 3 1/2" cvd.....	4
37	DO-0884	Halsted Mosquito Haemostatic.....	4
		Forceps 12.5 cm 5" w/o teeth str	
37	DO-0888	Halsted Mosquito Haemostatic.....	6
		Forceps 12.5 cm 5" w/o teeth cvd	
25	CO-0602	Standard Dressing Forceps (slender pattern).....	2
		14.5 cm 5 1/2" str	
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	2
8	BO-0225	Metzenbaum Dissecting.....	1
		Scissors 14.5 cm 5 3/4" STR blt-blit	
6	BO-0140	Standard operating scissors blunt/sharp.....	2
		14.5 cm 5 1/2" STR	
90	IO-2182	Mayo Hegar Needle Holder 16.0 cm.....	1
		6 1/4" cross serrated grooved jaw STR	
270	AAO-7943	Sterilizing Box 30.0 x 20.0 x 5.0 cm.....	1

280 ACO-8516 HYSTERECTOMY SET WITH STERILIZING BOX (set of 104-pcs)

Page	Art. #	Cat-Description	Qty
3	AO-0047	Standard Scalpel handle 12.0 cm 4 3/4" Shape No.3.....	1
4	AO-0058	Standard Scalpel handle 13.5 cm 5 1/4" Shape No.4.....	1
6	BO-0190	Mayo Dissecting Scissors 17.0 cm 6 3/4" CVD.....	1
6	BO-0185	Mayo Dissecting Scissors 17.0 cm 6 3/4" STR.....	1
6	BO-0192	Mayo Dissecting Scissors 23.5 cm 9" CVD.....	1
6	BO-0140	Standard operating scissors blunt/sharp.....	1
		14.5 cm 5 1/2" STR	
8	BO-0241	Metzenbaum nelson dissecting scissors.....	1
		18.0 cm 7" cvd blt-blit	
8	BO-0243	Metzenbaum nelson dissecting scissors.....	1
		23.0 cm 9" cvd blt-blit	
25	CO-0602	Standard Dressing Forceps (slender pattern).....	1
		14.5 cm 5 1/2" str	
25	CO-0605	Standard Dressing Forceps (slender pattern).....	1
		20.0 cm 8" str	
26	CO-0641	Standard Dissecting Forceps (Standard Pattern).....	1
		20.0 cm 8" str 1x2 teeth	
26	CO-0638	Standard Dissecting Forceps (Standard Pattern).....	1
		14.5 cm 5 3/4" str 1x2 teeth	
38	DO-0929	Kelly Haemostatic Forceps 14.5 cm 5 1/2" cvd.....	4
38	DO-0924	Kelly Haemostatic Forceps 14.5 cm 5 1/2" str.....	4
40	DO-1007	Kocher (Ochsner) Haemostatic.....	2
		Forceps 1x2 teeth 16.0 cm 6 1/4" STR	
40	DO-1017	Kocher (Ochsner) Haemostatic.....	12
		Forceps 1x2 teeth 20.0 cm 8" CVD	
40	DO-1009	Kocher (Ochsner) Haemostatic.....	12
		Forceps 1x2 teeth 20.0 cm 8" STR	
40	DO-0999	Pean(Rochester) Haemostatic.....	4
		Forceps 16.0 cm 6 1/4" CVD	
40	DO-1001	Pean(Rochester) Haemostatic Forceps 20.0 cm 8" CVD.....	6
44	DO-1128	Heaney Hysterectomy Forceps 21.5 cm 8 1/2" Fig.3.....	1
90	IO-2192	Heaney Needle Holder 20.5 cm 8" cross serrated CVD.....	2
44	DO-1120	Phaneuf Hysterectomy Forceps 20.0 cm.....	8
		8" 1x2 Teeth 60 Degree Angled	
46	DO-1161	Backhaus Towel Clamp 13.5 cm 5 1/4" cvd.....	8
49	DO-1211	Foerster Sponge Forceps (Serrated Jaw).....	2
		24.0 cm 9 1/2" str	
49	DO-1200	Bozemann Sponge Forceps 26.0 cm 10 1/4" cvd.....	1
59	EO-1507	Doyen Retractor 24.0 cm 9 1/2" 50x85 mm Fig.1.....	1
62	EO-1557	Deaver Retractor 25.0 cm 9 3/4" 25 mm Fig.3.....	1
62	EO-1558	Deaver Retractor 31.0 cm 12 1/4" 25 mm Fig.4.....	1
64	EO-1588	Heany Retractor 27.0 cm 10 1/2" 45x25 mm Fig.1.....	1
64	EO-1589	Heany Retractor 27.0 cm 10 1/2" 73x28 mm Fig.2.....	1
64	EO-1590	Heany Retractor 27.0 cm 10 1/2" 82x28 mm Fig.3.....	1
66	EO-1608	Parker Retractor 17.5 cm 7" 26x25 mm,24x25mm Fig.1.....	1
66	EO-1609	Parker Retractor 17.5 cm 7" 29x25 mm,27x25mm Fig.2.....	1
180	PO-5656	Allis 19.0 cm 7 1/2" 5x6 Teeth.....	9
190	RO-5973	Auvard Weight Speculum 38x80mm.....	1
190	RO-5971	Sims Vaginal Speculum Fig.2.....	1
193	RO-6066-1	Braun Uterine Tenaculum Forceps 25.5 cm 10".....	3
193	RO-6069	Skene Uterine Tenaculum Forceps 24.0 cm 9 1/2".....	1

Page	Art. #	Cat-Description	Qty
195	RO-6087	Somer Uterine Seizing Forceps 22.5 cm 8 3/4".....	1
194	RO-6076-1	Jacobs Uterine Tenaculum Forceps.....	1
		21.0 cm 8 1/4" 2x2 teeth side cvd	
193	RO-6070	Schroder Uterine Tenaculum Forceps 25.5 cm 9 3/4".....	1
270	AAO-7958	Sterilizing Box 51.0 x 20.0 x 12.5 cm.....	1