

SECTION 13 (13.01-13.12)

General Instrument



VO.13.1 Drill Bit - Quick Coupling End



Codes	Dia (mm)	Length (mm)
VO.01.1.2100-1.1-60	1.1	60
VO.01.1.2100-1.5-60	1.5	60
VO.01.1.2100-2.0-100	2.0	100
VO.01.1.2100-2.5-115	2.5	115
VO.01.1.2100-2.5-130	2.5	130
VO.01.1.2100-2.7-125	2.7	125
VO.01.1.2100-2.7-130	2.7	130
VO.01.1.2100-3.0-200	3.0	200
VO.01.1.2100-3.2-130	3.2	130
VO.01.1.2100-3.2-200	3.2	200
VO.01.1.2100-3.5-130	3.5	130
VO.01.1.2100-3.5-200	3.5	200
VO.01.1.2100-3.5-250	3.5	250
VO.01.1.2100-4.0-130	4.0	130
VO.01.1.2100-4.5-130	4.5	130
VO.01.1.2100-4.5-200	4.5	200
VO.01.1.2100-4.5/2.0-250	4.5 x 2.0	250
VO.01.1.2100-4.5/3.0-250	4.5 x 3.0	250
VO.01.1.2100-4.5/4.0-250	4.5 x 4.0	250
VO.01.1.2100-5.0-250	5.0	250

Modification in Diameter or Length can be made on request.

VO.13.3 Drill Bit - Plain Shank / Jacob Chuck End



Codes	Dia (mm)	Length (mm)
VO.01.3.2101-2.0-100	2.0	100
VO.01.3.2101-2.5-115	2.5	115
VO.01.3.2101-2.5-130	2.5	130
VO.01.3.2101-2.7-130	2.7	130
VO.01.3.2101-2.7-200	2.7	200
VO.01.3.2101-3.0-130	3.0	130
VO.01.3.2101-3.2-130	3.0	130
VO.01.3.2101-3.2-200	3.2	200
VO.01.3.2101-3.5-130	3.5	130
VO.01.3.2101-3.5-200	3.5	200
VO.01.3.2101-3.5-250	3.5	250
VO.01.3.2101-4.0-130	4.0	130
VO.01.3.2101-4.5-130	4.5	130
VO.01.3.2101-4.5-200	4.5	200
VO.01.3.2101-5.0-250	5.0	250
VO.01.3.2101-6.0-250	6.0	250

Modification in Diameter or Length can be made on request.

VO.13.2 Cannulated Drill Bit - Quick Coupling End



Codes	Dia (mm)	Length (mm)
VO.01.2.2190-2.5-125	2.5	125
VO.01.2.2190-2.7-125	2.7	125
VO.01.2.2190-3.2-125	3.2	125
VO.01.2.2190-3.5-125	3.5	125
VO.01.2.2190-4.5-150	4.5	150

Modification in Diameter or Length can be made on request.

VO.13.4 Cannulated Drill Bit - Plain Shank Jacob Chuck End



Codes	Dia (mm)	Length (mm)
VO.01.4.2191-2.5-125	2.5	125
VO.01.4.2191-2.7-125	2.7	125
VO.01.4.2191-3.2-125	3.2	125
VO.01.4.2191-3.5-125	3.5	125
VO.01.4.2191-4.5-150	4.5	150

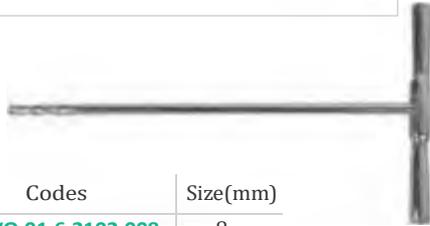
Modification in Diameter or Length can be made on request.

VO.13.5 Lowman Bone Clamp



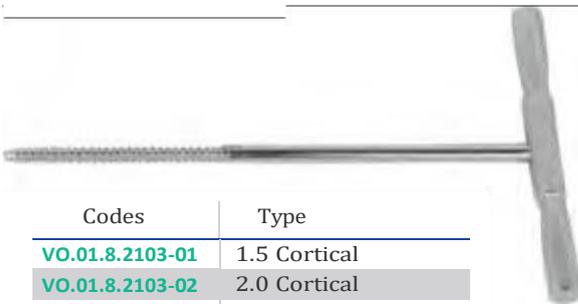
Codes	Description
VO.01.5.2118-01	For Fingers (Mini)
VO.01.5.2118-02	For Forearms (Extra Small)
VO.01.5.2118-03	For Humerus (Small)
VO.01.5.2118-04	For Tibia (Medium)
VO.01.5.2118-05	For Femur (Large)

VO.13.6 Cannulated Reamer T-Type



Codes	Size(mm)
VO.01.6.2102.008	8
VO.01.6.2102.009	9
VO.01.6.2102.010	10
VO.01.6.2102.011	11
VO.01.6.2102.012	12
VO.01.6.2102.013	13
VO.01.6.2102.014	14

VO.13.8 Bone Tap with T-Handle



Codes	Type
VO.01.8.2103-01	1.5 Cortical
VO.01.8.2103-02	2.0 Cortical
VO.01.8.2103-03	2.7 Cortical
VO.01.8.2103-04	3.5 Cortical
VO.01.8.2103-05	3.5 Cancellous
VO.01.8.2103-06	4.0 Cancellous
VO.01.8.2103-07	4.5 Cortical
VO.01.8.2103-08	4.5 Cortical Extra Long
VO.01.8.2103-09	6.5 Cancellous Long

VO.13.11 Bone Tap Quick Coupling End



Codes	Type
VO.01.11.2104-08	1.5 Cortical
VO.01.11.2104-09	2.0 Cortical
VO.01.11.2104-01	2.7 Cortical
VO.01.11.2104-02	3.5 Cortical
VO.01.11.2104-03	3.5 Cancellous
VO.01.11.2104-04	4.0 Cancellous
VO.01.11.2104-05	4.5 Cortical
VO.01.11.2104-06	4.5 Cortical Extra Long
VO.01.11.2104-07	6.5 Cancellous Long

VO.13.7 Burn's Bone Holding Forceps. Heavy Duty



VO.13.9 Bone and Plate Holding Forceps



VO.13.10 Reduction Forceps Serrated Speed Lock



Codes	Size (mm)
VO.01.10.2106.1140	140
VO.01.10.2106.1170	170
VO.01.10.2106.1200	200
VO.01.10.2106.1240	240
VO.01.10.2106.1280	280

VO.13.12 Reduction Forceps Serrated Ratchet Lock



Codes	Size (mm)
VO.01.12.2106.2140	140
VO.01.12.2106.2170	170
VO.01.12.2106.2200	200

VO.13.13 Reduction Forceps Pointed Speed Lock



Codes	Size (mm)
VO.01.13.2107.2140	140
VO.01.13.2107.2170	170
VO.01.13.2107.2200	200
VO.01.13.2107.2240	240
VO.01.13.2107.2280	280

VO.13.15 Reduction Forceps Pointed Ratchet Lock



Codes	Size (mm)
VO.01.15.2107.1140	140
VO.01.15.2107.1170	170
VO.01.15.2107.1200	200

VO.13.18 Self Centering Bone Holding Forceps



Codes	Size (mm)
VO.01.18.2105.150	150
VO.01.18.2105.190	190
VO.01.18.2105.240	240
VO.01.18.2105.260	260
VO.01.18.2105.280	280

VO.13.14 2113.000S Fibular Forceps - Straight 21



VO.13.16 Patella Bone Holding Forceps



Codes	Type
VO.01.16.2109.1003	Three
VO.01.16.2109.2004	Four

VO.13.17 Modified Patella Bone Holding Forceps



Codes	Type
VO.01.17.2110.1003	Three
VO.01.17.2110.2004	Four

VO.13.19 Lane Bone Holding Forceps with Ratchet



Codes	Size(mm)
VO.01.19.2108.1200	200
VO.01.19.2108.1250	250
VO.01.19.2108.1300	300

VO.13.20
Doyen's Rib Shearer

VO.13.22
Holding Forcep for Tibial Edge
Fragment - 210mm

VO.13.24
Lane Bone Holding Forceps without
Ratchet Lock



Codes	Size (mm)
VO.01.24.2108.2200	200
VO.01.24.2108.2250	250
VO.01.24.2108.2300	300

VO.13.26
Malleolar Forceps with 2 Points
which meet at 15° Angle 210mm



VO.13.28
Bone Cutting Forceps (Double Action)-Straight



Codes	Size (mm)
VO.01.28.2119.190	190
VO.01.28.2119.225	225
VO.01.28.2119.270	270

VO.13.30
Bone Cutting Forceps (Double Action) - Curved



Codes	Size (mm)
VO.01.30.2120.190	190
VO.01.30.2120.225	225
VO.01.30.2120.270	270

VO.13.21
Initial Incision Retractor with Weight & Chain

VO.13.23
Bone Nibbler (Double Action) - Straight



Codes	Size (mm)
VO.01.23.2122.190	190
VO.01.23.2122.225	225
VO.01.23.2122.270	270

VO.13.25
Bone Nibbler (Double Action) - Curved



Codes	Size(mm)
VO.01.25.2123.190	190
VO.01.25.2123.225	225
VO.01.25.2123.270	270

VO.13.27
Tuder Edward Bone Cutting Forceps



VO.13.29
Bone Nibbler (Double Action) - Angular



Codes	
VO.01.29.2124.190	190
VO.01.29.2124.225	225
VO.01.29.2124.270	270

VO.13.30 Pelvic Reduction

Codes	Size (mm)
2115.01	Pelvic Reduction Forceps, Oblique, Small, Length - 190mm, with Pointed Ball Tips, Speed Lock
2115.02	Pelvic Reduction Forceps, Oblique, Small, Length - 240mm, with Pointed Ball Tips, Speed Lock
2115.03	Pelvic Reduction Forceps, Length - 400mm with Pointed Ball Tips, Speed Lock
2115.04	Pelvic Reduction Forceps, Small for screws length - 200mm, use with 3.5 and 4.5mm cortical screws
2115.05	Pelvic Reduction Forceps, Medium for screws length - 250mm, use with 3.5 and 4.5mm cortical screws
2115.06	Pelvic Reduction Forceps, Large for screws length -330mm, Speed Lock, Fixation with Two 4.5mm Cortical Screws
2115.07	Pelvic Reduction Forceps, with Angled Pointed Ball Tips Length - 250mm, Speed Lock
2115.08	Pelvic Reduction Forceps, Long with Pointed Ball Tips Length - 400mm, Speed Lock
2115.09	Pelvic Reduction Forceps, Long with hree Pointed Ball Tips Length - 400mm, Speed Lock Pelvic Reduction Forceps

VO.13.33 Gouge with Fibre Handle, Straight



Codes	Size (mm)
VO.01.33.2130.005	5
VO.01.33.2130.010	10
VO.01.33.2130.015	15
VO.01.33.2130.020	20
VO.01.33.2130.025	25
VO.01.33.2130.030	30

VO.13.35 Gouge with Fibre Handle, Curved



Codes	Size (mm)
VO.01.35.2131.005	5
VO.01.35.2131.010	10
VO.01.35.2131.015	15
VO.01.35.2131.020	20
VO.01.35.2131.025	25
VO.01.35.2131.030	30

VO.13.31 Osteotomes with Fibre Handle



Codes	Size (mm)
VO.01.31.2129.005	5
VO.01.31.2129.010	10
VO.01.31.2129.015	15
VO.01.31.2129.020	20
VO.01.31.2129.025	25
VO.01.31.2129.030	30

VO.13.32 Osteotomes with Fibre Handle Straight



Codes	Size (mm)
VO.01.32.2128.005	5
VO.01.32.2128.010	10
VO.01.32.2128.015	15
VO.01.32.2128.020	20
VO.01.32.2128.025	25
VO.01.32.2128.030	30

VO.13.34 Chisels with Fibre Handle



Codes	Size (mm)
VO.01.34.2127.005	5
VO.01.34.2127.010	10
VO.01.34.2127.015	15
VO.01.34.2127.020	20
VO.01.34.2127.025	25
VO.01.34.2127.030	30

VO.13.36 Bone File with Fibre Handle, Flat



Codes	Size (mm)
VO.01.36.2125.100	100
VO.01.36.2125.150	150

VO.13.37
Bone File, Half Round -



VO.13.39
Amputation Saw



VO.13.41
Bone Curette with Fibre Handle



VO.13.43
Bone Hammer with S.S. Handle



VO.13.45
Bone Hammer



Codes	Weight (gm)
VO.01.45.2137.0200	200
VO.01.45.2137.0350	350
VO.01.45.2137.0500	500
VO.01.45.2137.0700	700

VO.13.47
Skin Hook



Codes	Pronge
VO.01.47.2140-01	Single Pronged
VO.01.47.2140-02	Double Pronged
VO.01.47.2140-03	hree Pronged

VO.13.38
Fingle



VO.13.40
Bone Curette Double Handle



VO.13.42
Bone Hammer - Nylon Faced



VO.13.44
Sharp Hook

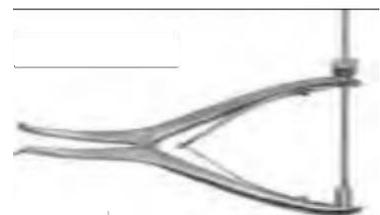


VO.13.46
Bone Hook



Codes	Size
VO.01.46.2138-01	Small
VO.01.46.2138-02	Medium
VO.01.46.2138-03	Large

VO.13.48
Bone Spreader



Codes	Size (mm)
VO.01.48.2145.0140	140
VO.01.48.2145.0210	210
VO.01.48.2145.0270	270

VO.13.49

Lane's Bone Lever, Plain



Codes	Size
VO.01.49.2142-01	Small
VO.01.49.2142-02	Large

VO.13.51

Bristow's Retractor



VO.13.53

Double Hook Retractor



VO.13.55

Lagenback Retractor



Codes	Size
VO.01.55.2144-01	Small
VO.01.55.2144-02	Medium
VO.01.55.2144-03	Large

VO.13.57

Self-Retaining Retractor



Codes	Size
VO.01.57.2152-01	Small
VO.01.57.2152-02	Medium
VO.01.57.2152-03	Large
VO.01.57.2152-04	Extra Large

VO.13.50

Lane's Bone Lever Serrated



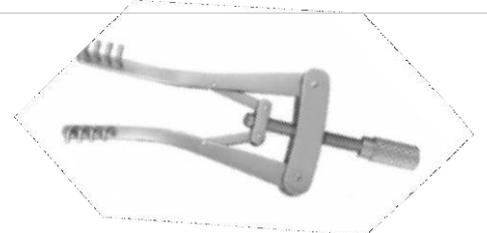
VO.13.52

Right Angle Retractor



VO.13.54

Skin Retractor



VO.13.56

Volkman's Retractor



Codes	No. of Prong
VO.01.56.2147-02	Two Prong
VO.01.56.2147-03	Three Prong
VO.01.56.2147-04	Four Prong
VO.01.56.2147-05	Five Prong

VO.13.58

Periosteal Elevator, Straight



Codes	Size (mm)
VO.01.58.2149-1006	6
VO.01.58.2149-1008	8
VO.01.58.2149-1010	10
VO.01.58.2149-1012	12
VO.01.58.2149-1014	14
VO.01.58.2149-1016	16

VO.13.59 Periosteal Elevator, Curved



Codes	Size (mm)
VO.01.59.2150-1006	6
VO.01.59.2150-1008	8
VO.01.59.2150-1010	10
VO.01.59.2150-1012	12
VO.01.59.2150-1014	14
VO.01.59.2150-1016	16

VO.13.61 Periosteal Elevator with Fibre Handle Straight



Codes	Size (mm)
VO.01.61.2149-2006	6
VO.01.61.2149-2008	8
VO.01.61.2149-2010	10
VO.01.61.2149-2012	12
VO.01.61.2149-2014	14
VO.01.61.2149-2016	16

VO.13.62 Periosteal Elevator with Fibre Handle Curved



Codes	Size (mm)
VO.01.62.2150-2006	6
VO.01.62.2150-2008	8
VO.01.62.2150-2010	10
VO.01.62.2150-2012	12
VO.01.62.2150-2014	14
VO.01.62.2150-2016	16

VO.13.60 Hohmann Retractors



Codes	Description
2146-001	Hohmann Retractor 6mm Wide, Short Narrow Point, Length 160mm
2146-002	Hohmann Retractor 8mm Wide, Short Narrow Point, Length 160mm
2146-011	Hohmann Retractor 10mm Wide, Length 160mm
2146-003	Hohmann Retractor 15mm Wide, Length 160mm
2146-012	Hohmann Retractor 15mm Wide, Length 240mm
2146-004	Hohmann Retractor 8mm Wide, Short Narrow Tip, Length 240mm
2146-005	Hohmann Retractor 18mm Wide, Short Narrow Tip, Length 240mm
2146-006	Hohmann Retractor 18mm Wide, Long Narrow Tip, Length 240mm
2146-007	Hohmann Retractor 22mm Wide, With Wide Tip, Length 240mm
2146-008	Hohmann Retractor 24mm Wide, With Long Wide Tip, Length 240mm
2146-009	Hohmann Retractor 43mm Wide, Narrow Tip, Length 240mm
2146-010	Hohmann Retractor 70mm Wide, Narrow Tip, Length 240mm
2146-013	Hohmann Retractor 43mm Wide, Blunt Tip, Length 270mm
2146-014	Hohmann Retractor 43mm Wide, Pointed Tip, Length 270mm Hohmann Retractors

VO.13.63 Bone Holding Forceps Set

Codes	Set Consisting of:	Units
VO.01.63.2105.240	Self Centering Bone Holding Forceps - 240mm	1
VO.01.63.2105.260	Self Centering Bone Holding Forceps - 260mm	2
VO.01.63.2105.280	Self Centering Bone Holding Forceps - 280mm	2
VO.01.63.2106.1170	Reduction Forceps, Serrated Jaw, Speed Lock - 170mm	1
VO.01.63.2106.1240	Reduction Forceps, Serrated Jaw, Speed Lock - 240mm	1
VO.01.63.2107.2170	Reduction Forceps Pointed, Speed Lock- 170mm	1
VO.01.63.2107.2200	Reduction Forceps Pointed, Speed Lock - 200mm	2
VO.01.63.A10.034	Aluminum Box for Bone Holding Forceps Set	1

VO.13.64
General Instruments Set

Codes	Set Consisting of:	Units
VO.01.64.2138-01	Bone Hook - Small	1
VO.01.64.2138-02	Bone Hook - Medium	1
VO.01.64.2146-15	Hohmann Retractor 8mm Short Narrow Tip, Length 220mm	2
VO.01.64.2146-16	Hohmann Retractor 18mm Short Narrow Tip, Length 235mm	2
VO.01.64.2146-17	Hohmann Retractor 24mm Long and Wide Tip, Length 270mm	1
VO.01.64.2149-012	Periosteal elevator straight with Fibre Handle - 12mm	2
VO.01.64.2137.0500	Hammer 500gm	1
VO.01.64.2136.000	Hammer Nylon Faced	1
VO.01.64.2131.015	Bone Gouge Curved with Fibre Handle, 15mm	1
VO.01.64.A10.035	Aluminium Box for General Instrument Set	1

VO.13.65
Plaster Saw - Bergman



VO.13.66
Plaster Saw - Heavy Handle



VO.13.67
Plaster Saw - Engel



VO.13.68
Plaster Spreader



VO.13.69
Plaster Shear - Bohler's



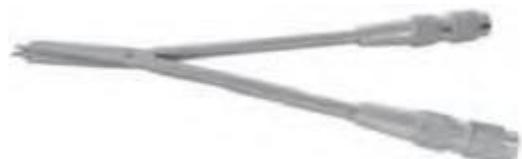
VO.13.70
Plaster Shear - Stille's



VO.13.71
Plaster Opener - Daw's



VO.13.72
Plaster Opener - Gay's



VO.13.73
Plaster Bender



VO.13.74
Bandage Cutting Scissor



VO.13.75
Electric Plaster Cutting Saw with 2 Bales



VO.13.76
Spare Blade

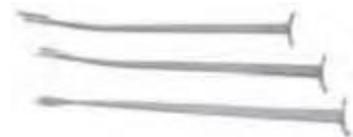


Codes	Size
2162-02	Small
2162-03	Large

VO.13.77
Smilie's Knee Joint Retractor, (Set of 6)



VO.13.78
Smilie's Maniscus Knife, (Set of 3)



VO.13.79
Muller Compression Clamp



VO.13.80
Charnley's Compression Clamp



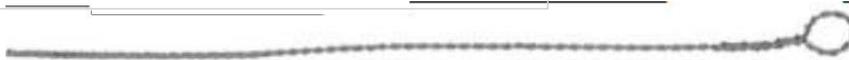
VO.13.81 Instruments For Skull Surgery

2307-01	Gigli Saw Wire (Ordinary)
2307-02	Gigli Saw - Fine (Imported)
2307-03	Gigli Saw Handle (In Pair)
2307-04	Gigli Saw Introducer
2307-05	Crutch Field Tong with Two Burrs - Small
2307-06	Crutch Field Tong with Two Burrs - Medium
2307-07	Crutch Field Tong with Two Burrs - Large
2307-08	Spare Burrs for Crutch Field Tong
2307-09	Gardner - Wells Traction Tongs

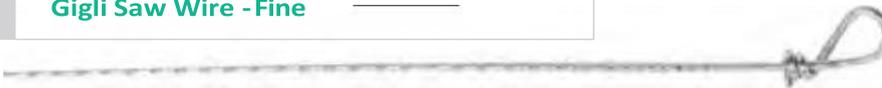
VO.13.82 Gigli Saw Handle (in pair)



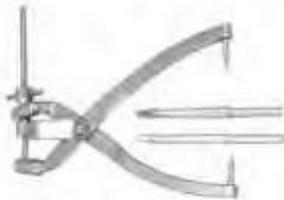
VO.13.83 Gigli Saw Wire - Ordinary



VO.13.84 Gigli Saw Wire - Fine



VO.13.85 Crutch Field Tong with Two Burrs - Medium



VO.13.86 Skin Grafting Knife



Codes	Description
2173-01	Skin Grafting Knife - Small
2173-02	Skin Grafting Knife - Large
2173-03	Skin Grafting Knife - Large Left Handed
2173-04	Skin Grafting Knife - Excel
2173-05	Skin Grafting Blade

VO.13.87 Distractors



Codes	Description
2174-01	Distractor for Tibia & Femur - Large
2174-02	Distractor for Tibia & Femur - Extra Large
2174-03	Spinal Distractor

VO.13.88 Paediatric Tibial & Femur Reduction Device (F-Tool Small)



VO.13.89
Tibial & Femur Reduction Device
(F-Tool Large)

VO.13.90
Sterilization Tubes



VO.13.91
Esmarch Rubber Bandage

Codes	Size (mm)
VO.01.90.2183.150	150
VO.01.90.2183.225	225
VO.01.90.2183.300	300
VO.01.90.2183.400	400
VO.01.90.2183.500	500

Codes	Size (mm)
VO.01.91.2176-075	75mm
VO.01.91.2176-100	100mm
VO.01.91.2176-150	150mm

Codes	Size (mm)
VO.01.93.2164-9	9.0
VO.01.93.2164-9.5	9.5
VO.01.93.2164-10	10.0
VO.01.93.2164-10.5	10.5
VO.01.93.2164-11	11.0
VO.01.93.2164-11.5	11.5
VO.01.93.2164-12	12.0
VO.01.93.2164-12.5	12.5
VO.01.93.2164-13	13.0
VO.01.93.2164-13.5	13.5
VO.01.93.2164-14	14.0
VO.01.93.2164-14.5	14.5
VO.01.93.2164-15	15.0

VO.13.95
Flexible Shaft

Codes	Type
2165-01	Shaft for reamers upto 13mm
2165-02	Shaft for reamers 13.5 to 15.0mm

Codes	*Stainless Steel Size (mm) sterilization of K Wire Nail
VO.01.92.2163-03	
VO.01.92.2163-02	8
VO.01.92.2163-04	10
VO.01.92.2163-01	11
VO.01.92.2163-06	14
VO.01.92.2163-07	17
VO.01.92.2163-05	21

VO.13.94
2167-01 Handle for Flexible Shaft



VO.13.96
Flexible Reaming Shaft with Fixed Reamer 8.0mm

