



Ortho Innovations.

PAKISTAN

ORTHON SPINAL INSTRUMENTATION

OSI-001 SPINAL RETRACTER STRAIGHT EDGE

OSI-002 SPINAL RETRACTER WITH TWO TIPS



OSI-003 ANNULUS KNIVE 5MM WIDTH

OSI-004 ANNULUS KNIVE 10MM WIDTH

OSI-005 ANNULUS KNIVE 15MM WIDTH

OSI-006 CAPNER GOUGE 6MM WIDTH

OSI-007 CAPNER GOUGE 8MM WIDTH

OSI-008 CAPNER GOUGE 11MM WIDTH

OSI-009 CAPNER GOUGE 16 MM WIDTH





Ortho Innovations.

PAKISTAN

OSI-010 COBB BONE ELEVATOR 9.5MM WIDTH/280MM LENGTH

OSI-011 COBB BONE ELEVATOR 13MM WIDTH/280MM LENGTH

OSI-012 COBB BONE ELEVATOR 19MM WIDTH/280MM LENGTH



OSI-013 BONE CURETTE STRAIGHT 300MM LONG SIZE 0000

OSI-014 BONE CURETTE STRAIGHT 300MM LONG SIZE 000

OSI-015 BONE CURETTE STRAIGHT 300MM LONG SIZE 00

OSI-016 BONE CURETTE STRAIGHT 300MM LONG SIZE 0

OSI-017 BONE CURETTE STRAIGHT 300MM LONG SIZE 1

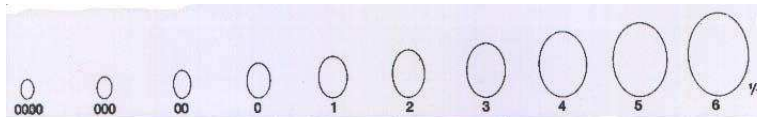
OSI-018 BONE CURETTE STRAIGHT 300MM LONG SIZE 2

OSI-019 BONE CURETTE STRAIGHT 300MM LONG SIZE 3

OSI-020 BONE CURETTE STRAIGHT 300MM LONG SIZE 4

OSI-021 BONE CURETTE STRAIGHT 300MM LONG SIZE 5

OSI-022 BONE CURETTE STRAIGHT 300MM LONG SIZE 6



OSI-023 BONE CURETTE CURVED 300MM LONG SIZE 0000

OSI-024 BONE CURETTE CURVED 300MM LONG SIZE 000

OSI-025 BONE CURETTE CURVED 300MM LONG SIZE 00

OSI-026 BONE CURETTE CURVED 300MM LONG SIZE 0

OSI-027 BONE CURETTE CURVED 300MM LONG SIZE 1



Ortho Innovations.

PAKISTAN

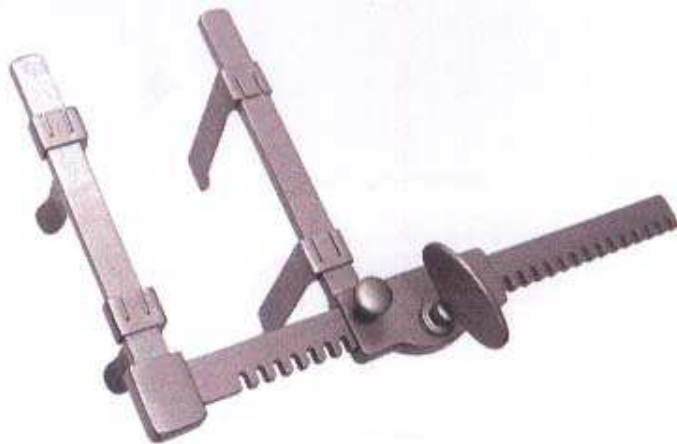
- OSI-028 BONE CURETTE CURVED 300MM LONG SIZE 2
- OSI-029 BONE CURETTE CURVED 300MM LONG SIZE 3
- OSI-030 BONE CURETTE CURVED 300MM LONG SIZE 4
- OSI-031 BONE CURETTE CURVED 300MM LONG SIZE 5
- OSI-032 BONE CURETTE CURVED 300MM LONG SIZE 6



- OSI-033 ROD CUTTER FROM 3.0MM TO 4.0MM
- OSI-034 ROD CUTTER FROM 3.0MM TO 6.0MM



- OSI-035 LAMINECTOMY RETRACTER

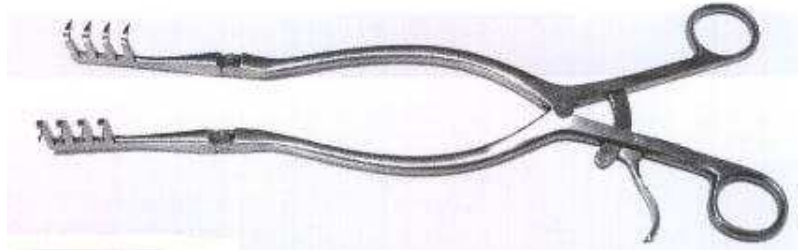




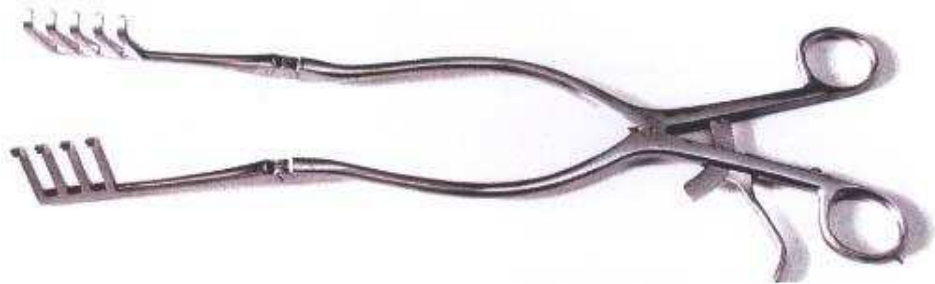
Ortho Innovations.

PAKISTAN

OSI-036 BECKMANN-ADSON RETRACTER WITH HINGED ARMS,
4/4 SHARP PRONGS, 18MM DEEP, 310MM LONG



OSI-037 BECKMANN-ADSON RETRACTER WITH HINGED ARMS,
4/5 BLUNT PRONGS, 28MM DEEP, 330MM LONG



OSI-038 BECKMANN-ADSON RETRACTER WITH HINGED ARMS,
7/7 SHARP PRONGS, 47MM DEEP, 320MM LONG





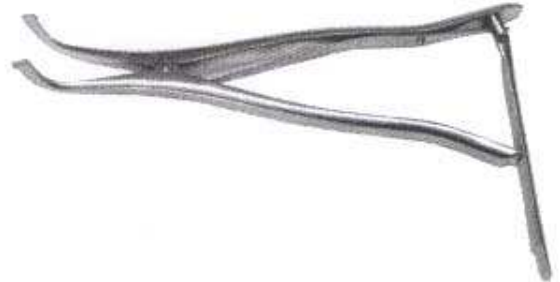
Ortho Innovations.

PAKISTAN

- OSI-039 LAMINA SPREADER, STRAIGHT JAWS,
08MM WIDE, 280MM LONG
OSI-040 LAMINA SPREADER, STRAIGHT, JAWS,
12MM WIDE, 280MM LONG



- OSI-041 LAMINA SPREADER, CURVEDE JAWS,
08MM WIDE, 280MM LONG
OSI-042 LAMINA SPREADER, CURVED, JAWS,
12MM WIDE, 280MM LONG



- OSI-043 LOVE NERVE ROOT RETRACTER, STRAIGHT
9MM/6MM BLADE 220MM LONG



- OSI-044 LOVE NERVE ROOT RETRACTER, ANGLED 45°
9MM/6MM BLADE, 220MMLONG





OSI-045 LOVE NERVE ROOT RETRACTER, ANGLED 90°
9/6MM BLADE, 220MM LONG



OSI-046 INTERVERTEBRAL DISC RONGER,
STRAIGHT, WIDTH OF JAW, 2.0MM
200MM LONG

OSI-047 INTERVERTEBRAL DISC RONGER,
STRAIGHT, WIDTH OF JAWS, 3.0MM
200MM LONG

OSI-048 INTERVERTEBRAL DISC RONGER,
STRAIGHT, WIDTH OF JAW, 4.0MM
200MM LONG

OSI-049 INTERVETEBRAL DISC RONGER,
45° UPWARD CURVED JAWS, WIDTH OF JAWS,
2.0MM, 200MM LONG

OSI-050 INTERVETEBRAL DISC RONGER,
45° UPWARD CURVED JAWS, WIDTH OF JAWS,
3.0MM, 200MM LONG

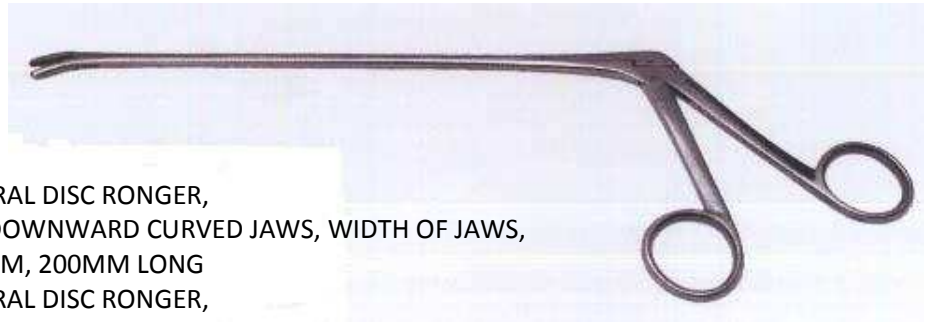
OSI-051 INTERVETEBRAL DISC RONGER,
45° UPWARD CURVED JAWS, WIDTH OF JAWS
4.0M, 200MM LONG





Ortho Innovations.

PAKISTAN



- OSI-052 INTERVETEBRAL DISC RONGER,
45° DOWNWARD CURVED JAWS, WIDTH OF JAWS,
2.0MM, 200MM LONG
- OSI-053 INTERVETEBRAL DISC RONGER,
45° DOWNWARD CURVED JAWS, WIDTH OF JAWS,
3.0MM, 200MM LONG
- OSI-053 INTERVETEBRAL DISC RONGER,
45° DOWNWARD CURVED JAWS, WIDTH OF JAWS
4.0M, 200MM LONG



- OSI-054 KERRISON RONGER, LARGE HANDLE,
UP CUTTING, 90° ANGLED JAWS,
SIZE OF JAW, 2.0/3.0MM, 200MM LONG
- OSI-055 KERRISON RONGER, LARGE, HANDLE,
UP CUTTING, 90° ANGLED JAWS,
SIZE OF JAW, 3.0MM/4.0MM, 200MM LONG
- OSI-056 KERRISON RONGER, LARGE HANDLE,
UP CUTTING, 90° ANGLED JAWS
SIZE OF JAW, 4.0MM/5.0MM, 200MM LONG



Ortho Innovations.

PAKISTAN

- OSI-057 KERRISON RONGER, LARGE HANDLE,
UP CUTTING, 45° ANGLED JAWS,
SIZE OF JAW, 2.0/3.0MM, 200MM LONG
- OSI-058 KERRISON RONGER, LARGE, HANDLE,
UP CUTTING, 450° ANGLED JAWS,
SIZE OF JAW, 3.0MM/4.0MM, 200MM LONG
- OSI-059 KERRISON RONGER, LARGE HANDLE,
UP CUTTING, 45° ANGLED JAWS
SIZE OF JAW, 4.0MM/5.0MM, 200MM LONG



- OSI-060 HEXAGONAL SCREW DRIVER 1/8 "





Ortho Innovations.

PAKISTAN



OSI-061 SIDE HANDLE WRENCH 3/8 "

OSI-062 SIDE HANDLE WRENCH 5/16 "



OSI-063 TAP 5.5MM WITH FIXED HANDLE
OSI-064 TAP 6.25MM WITH FIXED HANDLE
OSI-065 TAP 7.0MM WITH FIXED HANDLE



Ortho Innovations.

PAKISTAN

OSI-066 PEDICLE PROBE 3.0MM
OSI-067 PEDICLE PROBE 4.0MM



OSI-068 SPEED WRENCH 3/8 "
OSI-069 SPEED WRENCH 5/16 "





ORTHON SPINAL IMPLANTS

TITANINUM SPINAL PLATES

CAT NO	HOLES	LENGTH
SIM-001	3	52MM
SIM-002	5	88MM
SIM-003	7	124MM
SIM-004	9	160MM
SIM-005	11	196MM



6.5MM FULY THREADED CANCELLOUS TITANIUM SCREWS

SIM-006	25MM
SIM-007	30MM
SIM-008	35MM
SIM-009	40MM
SIM-010	45MM
SIM-011	50MM
SIM-012	55MM
SIM-013	60MM



PROFILE

HEAD DIAMETER	8.0MM
HEXAGONAL SOCKET WIDTH	3.5MM
THREADED DIAMETER	6.5MM

CRVICAL SPINE H-PLATE (BOTH S/S & TITANIUM)

CAT NO	HOLES	HOLE SPACING	LENGTH
SIM-014	5	16MM	23MM
SIM-015	5	18MM	25MM
SIM-016	5	21MM	28MM
SIM-017	8	16+18MM	41MM
SIM-018	8	16+21MM	46MM
SIM-019	11	16+18MM	58MM
SIM-020	20	16MM	103MM
SIM-021	20	18MM	115MM
SIM-022	20	21MM	133MM





NOTCHED PLATES

SIM-023	5	64MM
SIM-024	7	90MM
SIM-025	9	116MM
SIM-026	11	142MM
SIM-027	13	168MM



<i>PROFILE</i>	
<i>THICKNESS</i>	<i>6.0MM</i>
<i>WIDTH</i>	<i>11.0MM</i>
<i>HOLE SPACING</i>	<i>13.0MM</i>

DORSAL SPINAL PLATES

SIM-028	3	80MM
SIM-029	4	105MM
SIM-030	5	130MM
SIM-031	6	155MM



<i>PROFILE</i>	
<i>THICKNESS</i>	<i>5.0MM</i>
<i>WIDTH</i>	<i>16.0MM</i>

SIDE OPENING PEDICLE SCREWS (TITANIUM)

CAT NO	DIAMETER	LENGTH
SIM-032	4MM	40MM
SIM-033	4MM	45MM
SIM-034	4MM	50MM
SIM-035	5MM	40MM
SIM-036	5MM	45MM
SIM-037	5MM	50MM
SIM-038	6MM	40MM
SIM-039	6MM	45MM
SIM-040	6MM	50MM





RODS 6.0MM (TITANIUM)

SIM-041	6MM	100MM
SIM-042	6MM	150MM
SIM-043	6MM	200MM
SIM-044	6MM	250MM
SIM-045	6MM	300MM
SIM-046	6MM	350MM
SIM-047	6MM	400MM



TITANIUM SPINE PLATE, ONE SLOT

SIM-048	41MM
---------	------

PROFILE
THICKNESS 4.3MM
WIDTH 13.0MM



TITANIUM SPINE PLATE, DOUBLE HALF SLOT

SIM-049	51MM
---------	------

PROFILE
THICKNESS 4.3MM
WIDTH 13.0MM



TITANIUM SPINE PLATE, TRIPPLE HALF SLOT

SIM-050	75MM
---------	------

PROFILE
THICKNESS 4.3MM
WIDTH 13.0MM





TITANIUM SPINIUM PLATE, TWO SLOTS

SIM-051

79MM

PROFILE	
THICKNESS	4.3MM
WIDTH	13.0MM



TITANIUM SPINE PLATE, TWO & HALF SLOT

SIM-052

103MM

PROFILE	
THICKNESS	4.3MM
WIDTH	13.0MM



TITANIUM SPINE PLATE, THREE SLOTS

SIM-053

117MM

PROFILE	
THICKNESS	4.3MM
WIDTH	13.0MM





Ortho Innovations.

PAKISTAN

5.5MM TITANIUM PEDICLE SCREWS

CAT NO	THREAD DIAMETER	LENGTH
SIM-054	5.5MM	35MM
SIM-055	5.5MM	40MM
SIM-056	5.5MM	45MM



6.25MM TITANIUM PEDEICLE SCREWS

SIM-057	6.25MM	35MM
SIM-058	6.25MM	40MM
SIM-059	6.25MM	45MM

