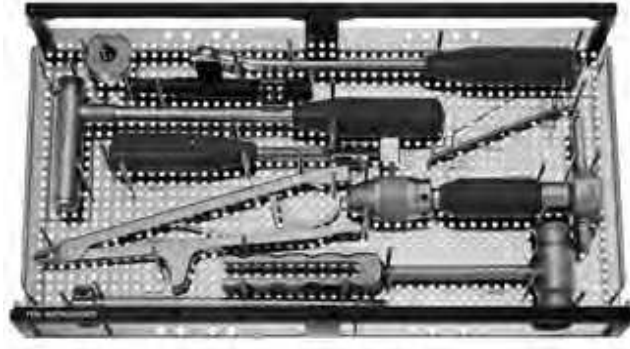


TITANIUM ELASTIC NAIL



TEN-001

STRAIGHT IMPACTOR



TEN-002

BEVELLED IMPACTOR



TEN-003

AWL



TEN-004

EXTRACTION PLIER



PAKISTAN

TEN-005 CUTTER



TEN-006 HAMMER GUIDE



TEN-007 INSERTER



TEN-008 COMMBINED HAMMER



PAKISTAN

TIN-009 SCREW DRIVER SHAFT



TIN-010

DRILL GUIDE



TIN-011

SPANNER WRENCH



TIN-012

PLIERS



TIN-013

F-REDUCTION TOOL



TIN-014

CURVED AWL



END CAP

TIN-001A

TIN-002A

1.5MM TO 2.5MMØ

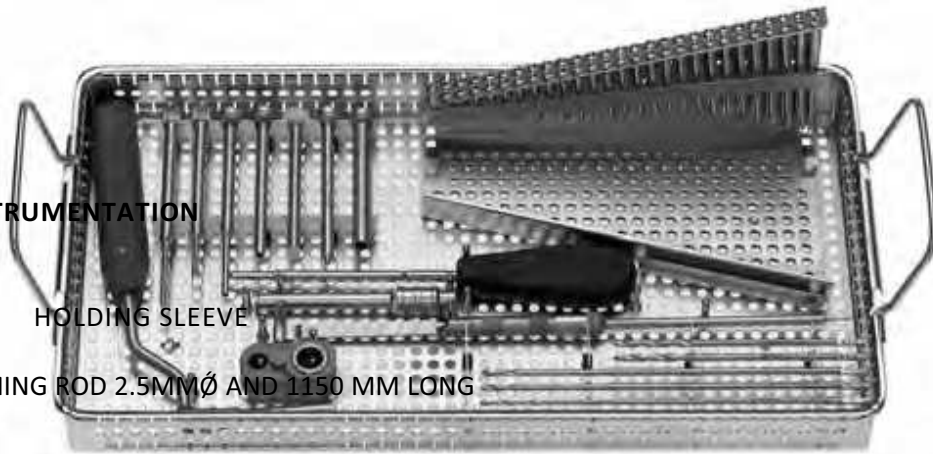
3.0MM TO 4.0MMØ



CAT NO	Ø MM	LENGTH
TIN-003A	1.5MM	300MM
TIN-004A	2.0MM	440MM
TIN-005A	2.5MM	440MM
TIN-006A	3.0MM	440MM
TIN-007A	3.5MM	440MM
TIN-008A	4.0MM	440MM

UNIVERSAL MEDULLARY NAILS

SPECIAL INSTRUMENTATION



UIL-001 HOLDING SLEEVE

UIL-002 REAMING ROD 2.5MMØ AND 1150 MM LONG

UIL-003 GUIDE ROD 3.0MMØ AND 950MM LONG

UIL-004 GUIDE ROD 4.0MMØ AND 950MM LONG

UIL-005 SOCKET WRENCH 11MM



Red Stone®
GROUPS

UIL-006 DRIVING PIECE CURVED



UIL-007 DRIVING HEAD



UIL-008 CANNULATED HAMMER GUIDE

UIL-009 HOLDING ROD 4.5MMØ 400MM LENGTH



UIL-010 RAM



UIL-011 FLEXIBLE HAMMER



UIL-012 INSERTION HANDLE THREADED BOLD AND NUT FOR NAILS



UIL-013 INSERTION HANDLE THREADED BOLD AND NUT FOR MOORRAL NAILS 9.0 TO 12.0Ø

UIL-014 FOR 13.0 TO 16.0 Ø
UIL-015 FOR 17.0 TO 19.0 Ø



UIL-016 DISTAL AIMING DEVICE



UIL-017 DIRECTION FINDER



UIL-018 AIMING TROCAR



UIL-019 FIXATION BOLT FOR FEMUR



UIL-020 FIXATION BOLT FOR TIBIA



UIL-021 PROTECTION SLEEVE



UIL-022 DRILL SLEEVE 8.0/4.5



UIL-023 DRILL SLEEVE INSERT 3.2



UIL-024 TROCAR 8.0MMØ



UIL-025 QUICK COUPLING HANDLE



UIL-026 CONNECTOR FOR EXTRACTION



UIL-027

EXTRACTION HOOK



LONG EXTRACTION HOOK

UNI-028

FOR 9.0MM TO 11.0MM Ø

UNI-029

FOR 12.0MM TO 14.0MM Ø

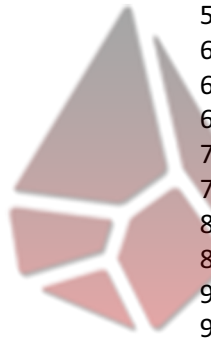
UNI-030

FOR NAILS 15.0 ØMM AND ABOVE



LOCKING BOLT 4.9MM

ULS-001	26MM
ULS-002	28MM
ULS-003	30MM
ULS-004	32MM
ULS-005	34MM
ULS-006	36MM
ULS-007	38MM
ULS-008	40MM
ULS-009	42MM
ULS-010	44MM
ULS-011	46MM
ULS-012	48MM
ULS-013	50MM
ULS-014	52MM
ULS-015	54MM
ULS-016	56MM
ULS-017	58MM
ULS-018	60MM
ULS-019	64MM
ULS-020	68MM
ULS-021	72MM
ULS-022	76MM
ULS-023	80MM
ULS-024	85MM
ULS-025	90MM
ULS-026	95MM
ULS-027	100MM



PROFILE
THREAD DIAMETER 4.9MM
CORE DIAMETER 4.3MM
HEAD DIAMETER 8.0MM
SOCKET WIDTH 3.5MM
DRILL BIT 4.0MM

UNIVERSAL TIBIAL NAIL




LENGTH 10MMØ 11MM Ø 12MMØ 13MMØ

255MM	UTN-001			
270MM	UTN-002			
285MM	UTN-003	UTN-101	UTN-201	UTN-301
300MM	UTN-004	UTN-102	UTN-202	UTN-302
315MM	UTN-005	UTN-103	UTN-203	UTN-303
330MM	UTN-006	UTN-104	UTN-204	UTN-304
345MM	UTN-007	UTN-105	UTN-205	UTN-305
360MM	UTN-008	UTN-106	UTN-206	UTN-306
380MM	UTN-009	UTN-107	UTN-207	UTN-307
400MM	UTN-010	UTN-108	UTN-208	UTN-308
420MM	UTN-011	UTN-109	UTN-209	UTN-309

UNIVERSAL FEMORAL NAIL

LENGTH 10MMØ 11MM Ø 12MMØ 13MMØ 14MMØ

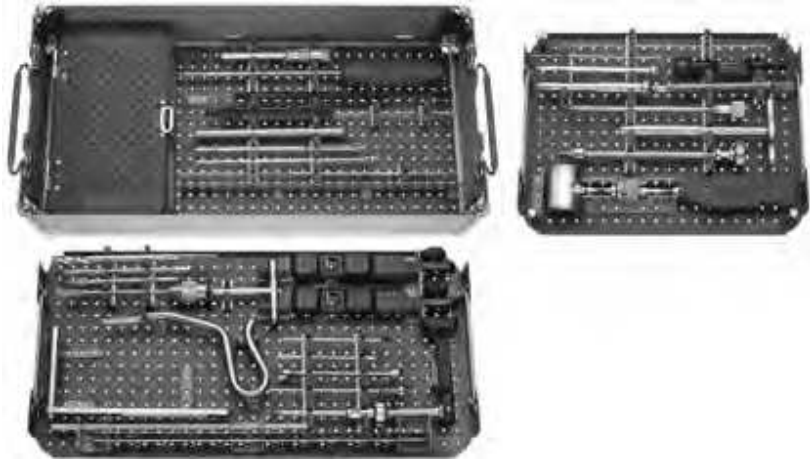


300MM	UFN-001A	UFN-101A	UFN-2A01A	UFN-301A	UFN-401
320MM	UFN-002A	UFN-102A	UFN-2A02A	UFN-302A	UFN-402
340MM	UFN-003A	UFN-103A	UFN-2A03A	UFN-303A	UFN-403
360MM	UFN-004A	UFN-104A	UFN-2A04A	UFN-304A	UFN-404
380MM	UFN-005A	UFN-105A	UFN-2A05A	UFN-305A	UFN-405
400MM	UFN-006A	UFN-106A	UFN-2A06A	UFN-306A	UFN-406
420MM	UFN-007A	UFN-107A	UFN-2A07A	UFN-307A	UFN-407
440MM	UFN-008A	UFN-108A	UFN-2A08A	UFN-308A	UFN-408
460MM	UFN-009A	UFN-109A	UFN-2A09A	UFN-309A	UFN-409
480MM	UFN-010A	UFN-110A	UFN-2A10A	UFN-310A	UFN-410



LENGTH	15MMØ	16MM Ø	17MMØ	18MMØ	19MMØ
300MM	UFN-001B	UFN-101B	UFN- 20 1B	UFN-301B	UFN-401
320MM	UFN-002B	UFN-102B	UFN- 22 2B	UFN-302B	UFN-402
340MM	UFN-003B	UFN-103B	UFN- 23 3B	UFN-303B	UFN-403
360MM	UFN-004B	UFN-104B	UFN- 24 4B	UFN-304B	UFN-404
380MM	UFN-005B	UFN-105B	UFN- 25 5B	UFN-305B	UFN-405
400MM	UFN-006B	UFN-106B	UFN- 26 6B	UFN-306B	UFN-406
420MM	UFN-007B	UFN-107B	UFN- 27 7B	UFN-307B	UFN-407
440MM	UFN-008B	UFN-108B	UFN- 28 8B	UFN-308B	UFN-408
460MM	UFN-009B	UFN-109B	UFN- 29 9B	UFN-309B	UFN-409
480MM	UFN-010B	UFN-110B	UFN- 30 0B	UFN-310B	UFN-410

HUMERAL NAILS



HLN-001

PROTECTION SLEEVE



HLN-002

CANNULATED AWL



PAKISTAN

HLN-003 CANNULATED CONNECTED SCREW



HLN-004 INSERTION HANDLE



HLN-005 AIMING GUIDE



HLN-006 CANNULATED HAMMER 400G



HLN-007 HAMMER GUIDE



HLN-008 MEASURING DEVICE FOR SPIRAL BLADE



HLN-009 AIMING GUIDE



HLN-010 PROJECTOR BURR



HLN-011 SPIRAL BLADE INSERTER



HLN-012 CANNULATED DRILL BIT 10.0MMØ



PAKISTAN

HIL-001	0 EXTENSION
HIL-002	5 EXTENSION
HIL-003	10 EXTENSION
HIL-004	15 EXTENSION



PROXIMAL CANNULATED HUMERAL NAIL 150MM LONG

HIL-005	7	MM Ø
HIL-006	9MMØ	HIL-007

11MMØ

HUMERAL NAIL CANNULATED



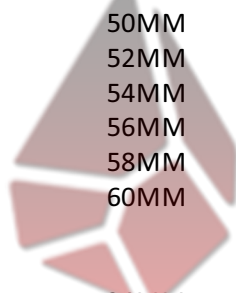
LENGTH 7MMØ 9MMØ 11MMØ



190MM	HIL-008	HIL-101	HIL-201
200MM	HIL-009	HIL-102	HIL-202
210MM	HIL-010	HIL-103	HIL-203
220MM	HIL-011	HIL-104	HIL-204
230MM	HIL-012	HIL-105	HIL-205
240MM	HIL-013	HIL-106	HIL-206
250MM	HIL-014	HIL-107	HIL-207
260MM	HIL-015	HIL-108	HIL-208
270MM	HIL-016	HIL-109	HIL-209
280MM	HIL-017	HIL-110	HIL-210
290MM	HIL-018	HIL-111	HIL-211
300MM	HIL-019	HIL-112	HIL-212
320MM	HIL-020	HIL-113	HIL-213

LOCKING SCREW 4.0MM Ø

HLS-001	14MM
HLS-002	16MM
HLS-003	18MM
HLS-004	20MM
HLS-005	22MM
HLS-006	24MM
HLS-007	26MM
HLS-008	28MM
HLS-009	30MM
HLS-010	32MM
HLS-011	34MM
HLS-012	36MM
HLS-013	38MM
HLS-014	40MM
HLS-015	42MM
HLS-016	44MM
HLS-017	46MM
HLS-018	48MM
HLS-019	50MM
HLS-020	52MM
HLS-021	54MM
HLS-022	56MM
HLS-023	58MM
HLS-024	60MM



Red Stone®
GROUPS

SPIRAL BLADE

HSB-001	34MM
HSB-002	36MM
HSB-003	38MM
HSB-004	40MM
HSB-005	42MM
HSB-006	44MM
HSB-007	46MM
HSB-008	48MM
HSB-009	50MM
HSB-010	52MM
HSB-011	54MM





UHI-003 AWL

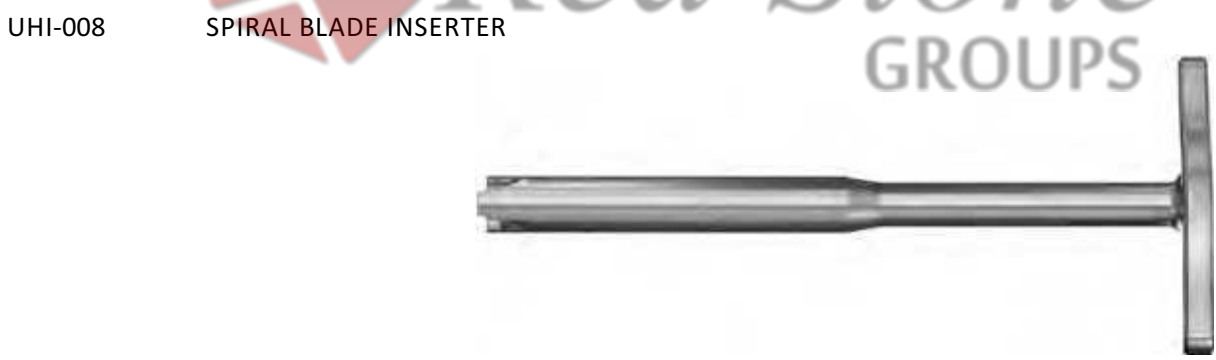


UHI-004

AIMING GUIDE



PAKISTAN



UHI-009

MEASURING DEVICE

PAKISTAN



UHI-010

CONNECTING PIECE FOR EXTRACTION OF NAIL



LOCKING BOLT 3.9MMØ SELF TAPPING

UHL-001	14MM
UHL-002	16MM
UHL-003	18MM
UHL-004	20MM
UHL-005	22MM
UHL-006	24MM
UHL-007	26MM
UHL-008	28MM
UHL-009	30MM
UHL-010	32MM
UHL-011	34MM
UHL-012	36MM
UHL-013	38MM
UHL-014	40MM
UHL-015	42MM
UHL-016	44MM
UHL-017	46MM
UHL-018	48MM
UHL-019	50MM
UHL-020	52MM
UHL-021	54MM
UHL-022	56MM
UHL-023	58MM
UHL-024	60MM



PROFILE
 THREAD DIAMETER 3.9MM
 CORE DIAMETER 3.3MM
 HEAD DIAMETER 8.0MM
 SOCKET WIDTH 3.5MM
 DRILL BIT 3.2MM

LOCKING BOLT 3.4MM SELF TAPPING

UHL-001A	14MM
UHL-002A	16MM
UHL-003A	18MM
UHL-004A	20MM
UHL-005A	22MM
UHL-006A	24MM
UHL-007A	26MM
UHL-008A	28MM
UHL-009A	30MM
UHL-010A	32MM
UHL-011A	34MM
UHL-012A	36MM

PROFILE
 THREAD DIAMETER 3.4MM
 CORE DIAMETER 2.7MM
 HEAD DIAMETER 8.0MM
 SOCKET WIDTH 3.5MM
 DRILL BIT 2.7MM

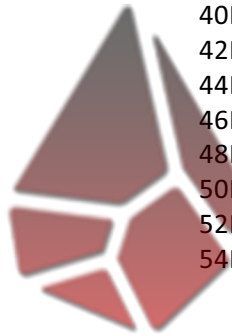


UHL-013A	38MM
UHL-014A	40MM
UHL-015A	42MM
UHL-016A	44MM
UHL-017A	46MM
UHL-018A	48MM
UHL-019A	50MM
UHL-020A	52MM
UHL-021A	54MM
UHL-022A	56MM
UHL-023A	58MM
UHL-024A	60MM



SPIRAL BLADE

UHB-001	34MM
UHB-002	36MM
UHB-003	38MM
UHB-004	40MM
UHB-005	42MM
UHB-006	44MM
UHB-007	46MM
UHB-008	48MM
UHB-009	50MM
UHB-010	52MM
UHB-011	54MM



Red Stone®
GROUPS

END CAP

UHC-001	0MM EXTENSION
UHC-002	5MM EXTENSION
UHC-003	10MM EXTENSION
UHC-004	15MM EXTENSION



SOLID HUMERAL NAIL

LENGTH	6.7MMØ	7.5MMØ	9.5MMØ
190MM	UHL-001	UHL-101	UHL-201
205MM	UHL-002	UHL-102	UHL-202
220MM	UHL-003	UHL-103	UHL-203
230MM	UHL-004	UHL-104	UHL-204
240MM	UHL-005	UHL-105	UHL-205
250MM	UHL-006	UHL-106	UHL-206
260MM	UHL-007	UHL-107	UHL-207
270MM	UHL-008	UHL-108	UHL-208
280MM	UHL-009	UHL-109	UHL-209
295MM	UHL-010	UHL-110	UHL-210
310MM	UHL-011	UHL-111	UHL-211
325MM	UHL-012	UHL-112	UHL-212



PROXIMAL HUMERAL NAIL 150MM LENGTH

PHL-001	7.5MM
PHL-002	8.0MM

KUNTSCHER NAIL



KNL-001

KUNTSCHER NAIL EXTRACTOR WITH 2 HOOKS 500G



KNL-002

KUNTSCHER NAIL EXTRACTOR WITH 2 HOOKS 100

KNL-003

KUNTSCHER NAIL EXTRACTOR WITH 2 HOOKS 1500

KNL-004

AWL

KNL-005

HAND REAMER 6.0MM ϕ

KNL-006

HAND REAMER 7.0MM ϕ

KNL-007

HAND REAMER 8.0MM ϕ

KNL-008

HAND REAMER 9.0MM ϕ

KNL-009

HAND REAMER 10.0MM ϕ



- KNL-010 HAND REAMER 11.0MM ϕ
- KNL-011 HAND REAMER 12.0MM ϕ
- KNL-012 HAND REAMER 13.0MM ϕ
- KNL-013 HAND REAMER 14.0MM ϕ
- KNL-014 HAND REAMER 15.0MM ϕ



- KNL-015 KUNTSCHER NAIL AD PTER



- KNL-016 TISSUE PROTECTOR



- KNL-017 KUNTSCHER NAIL IMPACTER SMALL



- KNL-018 KUNTSCHER NAIL IMPACTER MEDIUM



- KNL-019 KUNTSCHER NAIL IMPACTER LARGE



PAKISTAN

KNL-020 HAMMER 500G



KNL-021 EXTRACTOR HOOK SMALL
KNL-022 EXTRACTOR HOOK LARGE



CAT NO	SIZE
KNI-001	6.0MM ϕ /180MM
KNI-002	6.0MM ϕ /200MM
KNI-003	6.0MM ϕ /220MM
KNI-004	6.0MM ϕ /240MM
KNI-005	6.0MM ϕ /260MM
KNI-006	6.0MM ϕ /280MM
KNI-007	6.0MM ϕ /300MM
KNI-008	6.0MM ϕ /320MM
KNI-009	6.0MM ϕ /340MM
KNI-010	7.0MM ϕ /240MM
KNI-011	7.0MM ϕ /260MM
KNI-012	7.0MM ϕ /280MM
KNI-013	7.0MM ϕ /300MM
KNI-014	7.0MM ϕ /320MM
KNI-015	7.0MM ϕ /340MM
KNI-016	7.0MM ϕ /360MM
KNI-017	7.0MM ϕ /380MM
KNI-018	7.0MM ϕ /400MM
KNI-019	8.0MM ϕ /240MM
KNI-020	8.0MM ϕ /260MM
KNI-021	8.0MM ϕ /280MM
KNI-022	8.0MM ϕ /300MM
KNI-023	8.0MM ϕ /320MM
KNI-024	8.0MM ϕ /340MM
KNI-025	8.0MM ϕ /360MM
KNI-026	8.0MM ϕ /380MM
KNI-027	8.0MM ϕ /400MM
KNI-028	8.0MM ϕ /420MM
KNI-029	8.0MM ϕ /440MM
KNI-030	8.0MM ϕ /460MM
KNI-031	8.0MM ϕ /480MM
KNI-032	8.0MM ϕ /500MM
KNI-033	8.0MM ϕ /520MM
KNI-034	9.0MM ϕ /300MM
KNI-035	9.0MM ϕ /320MM

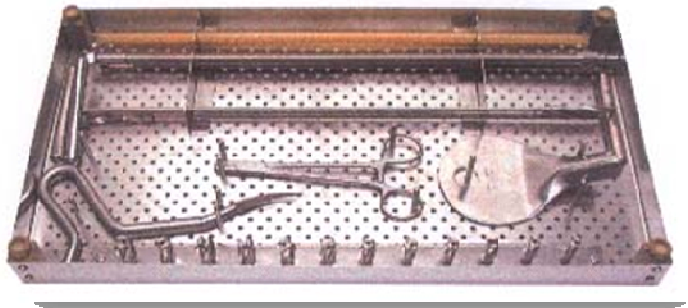
KNI-036	9.0MM ϕ /340MM
KNI-037	9.0MM ϕ /360MM
KNI-038	9.0MM ϕ /380MM
KNI-039	9.0MM ϕ /400MM
KNI-040	9.0MM ϕ /420MM
KNI-041	9.0MM ϕ /440MM
KNI-042	9.0MM ϕ /460MM
KNI-043	9.0MM ϕ /480MM
KNI-044	9.0MM ϕ /500MM
KNI-045	9.0MM ϕ /520MM
KNI-046	10.0MM ϕ /300MM
KNI-047	10.0MM ϕ /320MM
KNI-048	10.0MM ϕ /340MM
KNI-049	10.0MM ϕ /360MM
KNI-050	10.0MM ϕ /380MM
KNI-051	10.0MM ϕ /400MM
KNI-052	10.0MM ϕ /420MM
KNI-053	10.0MM ϕ /440MM
KNI-054	10.0MM ϕ /460MM
KNI-055	10.0MM ϕ /480MM
KNI-056	10.0MM ϕ /500MM
KNI-057	10.0MM ϕ /520MM
KNI-058	11.0MM ϕ 300MM
KNI-059	11.0MM ϕ /320MM
KNI-060	11.0MM ϕ /340MM
KNI-061	11.0MM ϕ /360MM
KNI-062	11.0MM ϕ /380MM
KNI-063	11.0MM ϕ /400MM
KNI-064	11.0MM ϕ /420MM
KNI-065	11.0MM ϕ /440MM
KNI-066	11.0MM ϕ /460MM
KNI-067	11.0MM ϕ /480MM
KNI-068	11.0MM ϕ /500MM
KNI-069	11.0MM ϕ /520MM
KNI-070	12.0MM ϕ /300MM
KNI-071	12.0MM ϕ /320MM
KNI-072	12.0MM ϕ /340MM
KNI-073	12.0MM ϕ /360MM
KNI-074	12.0MM ϕ /380MM
KNI-075	12.0MM ϕ /400MM



KNI-076	12.0MM ϕ /420MM
KNI-077	12.0MM ϕ /440MM
KNI-078	12.0MM ϕ /460MM
KNI-079	12.0MM ϕ /480MM
KNI-080	12.0MM ϕ /500MM
KNI-081	12.0MM ϕ /520MM
KNI-082	13.0MM ϕ /300MM
KNI-083	13.0MM ϕ 320MM
KNI-084	13.0MM ϕ /340MM
KNI-085	13.0MM ϕ /360MM
KNI-086	13.0MM ϕ /380MM
KNI-087	13.0MM ϕ /400MM
KNI-088	13.0MM ϕ /420MM
KNI-089	13.0MM ϕ /440MM
KNI-090	13.0MM ϕ /460MM
KNI-091	13.0MM ϕ /480MM
KNI-092	13.0MM ϕ /500MM
KNI-093	13.0MM ϕ /520MM
KNI-094	14.0MM ϕ /300MM
KNI-095	14.0MM ϕ /320MM
KNI-096	14.0MM ϕ /340MM
KNI-097	14.0MM ϕ /360MM
KNI-098	14.0MM ϕ /380MM
KNI-099	14.0MM ϕ /400MM
KNI-100	14.0MM ϕ /420MM
KNI-101	14.0MM ϕ /440MM
KNI-102	14.0MM ϕ /460MM
KNI-103	14.0MM ϕ /480MM
KNI-104	14.0MM ϕ /500MM
KNI-105	14.0MM ϕ /520MM



REAMING INSTRUMENTS FOR NAILING



RIN-O-001 AWL
RIN-O-002 TISSUE PROTECTOR

RIN-003 HAND REAMER 6.0MM RIN-
004 HAND REAMER 7.0MM RIN-
005 HAND REAMER 8.0MM



RIN-006 REAMING GUIDE 3.0MM/950MM

- RIN-007 MEDULLERY REAMER 7.0 MM
- RIN-008 MEDULLERY REAMER 7.5MM
- RIN-009 MEDULLERY REAMER 8.0MM
- RIN-010 MEDULLERY REAMER 8.5MM
- RIN-011 MEDULLERY REAMER 9.0MM
- RIN-012 MEDULLERY REAMER 9.5MM
- RIN-013 MEDULLERY REAMER 10.0MM
- RIN-014 MEDULLERY REAMER 10.5MM
- RIN-015 MEDULLERY REAMER 11.0MM
- RIN-016 MEDULLERY REAMER 11.5MM
- RIN-017 MEDULLERY REAMER 12.0MM
- RIN-018 MEDULLERY REAMER 12.5MM
- RIN-019 MEDULLERY REAMER 13.0MM
- RIN-020 MEDULLERY REAMER 13.5MM
- RIN-021 MEDULLERY REAMER 14.0MM
- RIN-022 MEDULLERY REAMER 14.5MM
- RIN-023 MEDULLERY REAMER 15.0MM
- RIN-024 FLEXIBLE SHAFT 5.5MM/250MM
- RIN-025 FLEXIBLE SHAFT 7.0MM/250MM
- RIN-026 FLEXIBLE SHAFT 8.0MM/430MM
- RIN-027 FLEXIBLE SHAFT 10.0MM/430MM



RIN-028 FLEXIBLE SHAFT WITH FIXED 9.0MM
CUTTING REAMER



RIN-029 REAMING ROD HOLDING FORCEPS



RIN-030 PLASTIC MEDULLERY TUBE



RIN-031 REAMING ROD 2.0MM/820MM



RIN-032 VICE GRIP





HAND REAMER SET

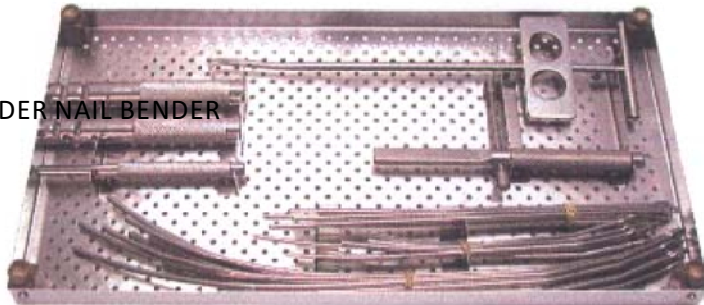
HRS-001	MEDULLERY CANAL REAMER 6.0MM ϕ
HRS-002	MEDULLERY CANAL REAMER 7.0MM ϕ
HRS-003	MEDULLERY CANAL REAMER 8.0MM ϕ
HRS-004	MEDULLERY CANAL REAMER 9.0MM ϕ
HRS-005	MEDULLERY CANAL REAMER 10.0MM ϕ
HRS-006	MEDULLERY CANAL REAMER 11.0MM ϕ
HRS-007	MEDULLERY CANAL REAMER 12.0MM ϕ
HRS-008	MEDULLERY CANAL REAMER 13.0MM ϕ
HRS-009	MEDULLERY CANAL REAMER 14.0MM ϕ
HRS-010	MEDULLERY CANAL REAMER 15.0MM ϕ



ENDER NAIL

ENI-001

ENDER NAIL BENDER



ENI-002

ENDERNAIL DRIVER

ENI-003

ENDER NAIL IMPACTER



ENI-004

ENDER NAIL EXTRACTOR



Red Stone®
GROUPS

3.5MM ENDER NAILS



END-001	200MM
END-002	210MM
END-003	220MM
END-004	230MM
END-005	240MM
END-006	250MM
END-007	260MM
END-008	270MM
END-009	280MM



4.0MM ENDER NAILS

END-010	220MM
END-011	230MM
END-012	240MM
END-013	250MM
END-014	260MM
END-015	270MM
END-016	280MM
END-017	290MM
END-018	300MM
END-019	310MM
END-020	320MM
END-021	330MM
END-022	340MM
END-023	350MM
END-024	360MM
END-025	370MM
END-026	380MM





4.5MM ENDER NAILS

ENDO-027	340MM
END-028	350MM
END-029	360MM
END-030	370MM
END-031	380MM
END-032	390MM
END-033	400MM
END-034	410MM
END-035	420MM
END-036	430MM
END-037	440MM
END-038	450MM
END-039	460MM
END-040	470MM
END-041	480MM
END-042	490MM