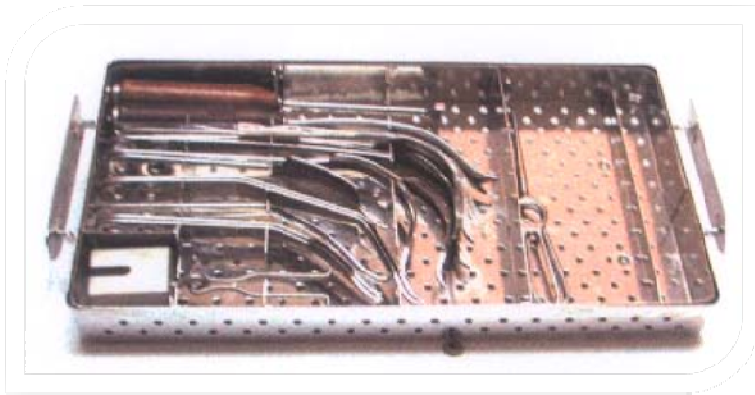




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## *RETRACTERS FOR HIP SURGERY*





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THR-001

DOUBLE ANGLED RETRACTER 15MM WIDE



THR-002

NARROW BEAK RETRACTER 18MM



THR-003

SOFT TISSUE 22MM



THR-004

INSERT OLE RETRACTER 22MM





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THR-005

LONG ROUNDED BEAK RETRACTER 24MM



THR-006

TROCHANTERIC RETRACTER WITH 2 TIPS 40MM



THR-007

RETRACTER 40MM



THR-008

NARROW BEAK RETRACTER 43MM





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THR-009

*IMPACTER/EXTRACTOR STRAIGHT*



THR-010

*IMPACTER/EXTRACTOR CURVED*



THR-011

*METAL INSERT/EXTRACT DEVICE*



THR-012

*FEMORAL RETRACTER 26MM WIDE*





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## GENERAL INSTRUMENTS FOR HIP SURGERY



IN STERILIZED CONTAINER

ITEM NUMBER: INS-O-THR2

CAT NO	DESCRIPTION	QUANTITY
THR-101	NYLON HEAD IMPACTER	1
THR-102	FEMORAL HEAD EXTRACTER	1
THR-103	FLAT CHISEL CURVED 16MM	1
THR-104	FLAT CHISEL STRAIGHT 16MM	1
THR-105	SWAN NECKED GOUGE 16MM	1
THR-106	FEMORAL HEAD DISLOCATION LEAVER 26MM	1
THR-107	CURETTE 9MM	1
THR-108	CURETTE 15MM	1
THR-109	COMPLETE CUP INSERTING DEVICE (CURVED CUP IMPACTER, CURVED POSITIONING GUIDE 40°, PLASTIC TOP 32MM DIAMETER, METAL TOP LOW PROFILE)	1



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THR-101

*NYLON HEADED IMPACTER  
WITH NYLON REPLACEMENT*



THR-102

*FEMORAL HEAD EXTRACTOR*



THR=103

*FLAT CURVED CHIESEL 16MM*



THR-104

*FLAT STRAIGHT CHIESEL 16MM*





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THR-105

SWAN-NECKED GOUGE 16MM

THR-106

FEMORAL HEAD DISLOCATION LEVER 26.5MM



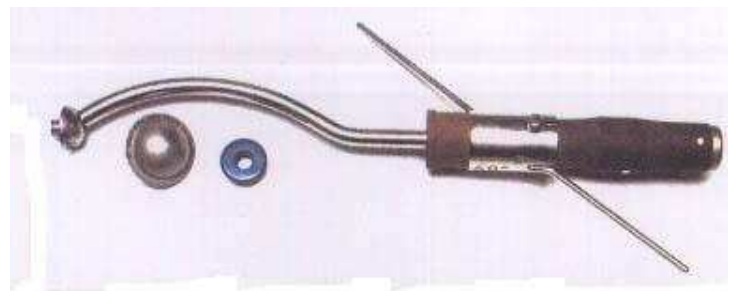
THR-107  
THR-108

BONE CURETTE 9.0MM  
BONE CURETTE 15.0MM



THR-109

CUP INSERTING DEVICE  
(IMPACTER CURVED, POSITIONING GUIDE 40 $\phi$ ,  
PLASTIC TOP 32MM $\phi$ , LOW PROFILE METAL TOP)





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THR-110

TEST HEADS ADAPTER



THR-111  
THR-112

PLASTIC TO 28MM DIAM  
PLASTIC TO 32MM DIAM



THR-113

METAL OPLOW PROFILE  
28MM DIAM

THR-114

METAL TOP LOW PROFILE  
32MM DIAM



THR-115

FLEXIBLE SHAFT FOR DRILL BITS

THR-116

DRILL BIT 3.2MM DIAM

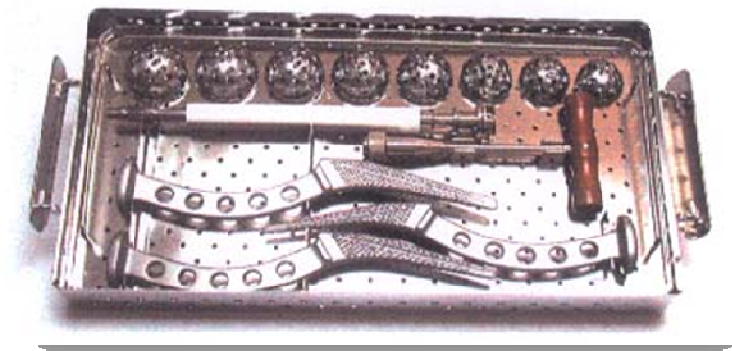




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## ACCETABULAR GRATERS AND RASPS FOR HIP SURGERY



IN STERILIZING CONTAINER

ITEM NUMBER: INS-O-THR3

CAT NO	DESCRIPTION	QUANTITY
THR-201	GRATER 44MM	1
THR-202	GRATER 46MM	1
THR-203	GRATER 48MM	1
THR-204	GRATER 50MM	1
THR-205	GRATER 52MM	1
THR-206	GRATER 54MM	1
THR-207	GRATER 56MM	1
THR-208	GRATER 58MM	1
THR-209	SHAFT FOR GRATERS	1





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THR-210

QUICK COUPLING HANDLE

1



THR-211

QUICK COUPLING HANDLE S/S

1



THR-212





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THR-213  
THR-214  
THR-215

RASP 7.5MM  
RASP 10.0MM  
RASP 12.5MM

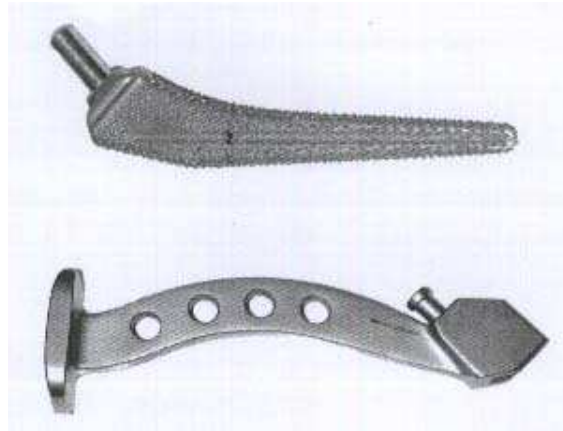
1  
1  
1



THR-216

MODULAR RASP HANDLE

1







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<i>THR-217</i>	<i>TRIAL CUP 42MM</i>		<i>1</i>
<i>THR-218</i>	<i>TRIAL CUP 44MM</i>		<i>1</i>
<i>THR-219</i>	<i>TRIAL CUP 46MM</i>		<i>1</i>
<i>THR-220</i>	<i>TRIAL CUP 48MM</i>		<i>1</i>
<i>THR-221</i>	<i>TRIAL CUP 50MM</i>		<i>1</i>
<i>THR-222</i>	<i>TRIAL CUP 52MM</i>		<i>1</i>
<i>THR-223</i>	<i>TRIAL CUP 54MM</i>		<i>1</i>
<i>THR-224</i>	<i>TRIAL CUP 56MM</i>		<i>1</i>
<i>THR-225</i>	<i>TRIAL CUP 58MM</i>		<i>1</i>

<i>THR-226</i>	<i>TRIAL STEM 7.5MM</i>		<i>1</i>
<i>THR-227</i>	<i>TRIAL STEM 10.0MM</i>		<i>1</i>
<i>THR-228</i>	<i>TRIAL STEM 12.5MM</i>		<i>1</i>

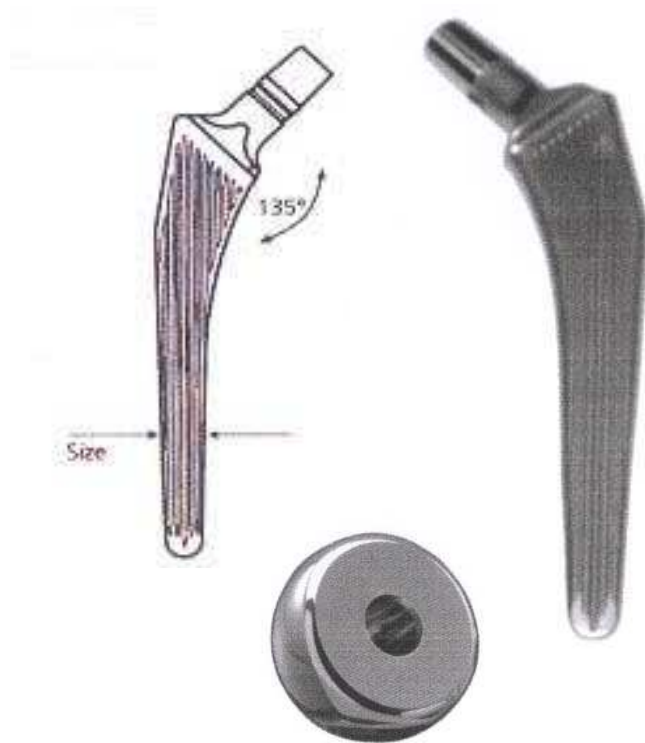
<i>THR-229</i>	<i>TRIAL NECK SMALL</i>		<i>1</i>
<i>THR-230</i>	<i>TRIAL NECK MEDIUM</i>		<i>1</i>
<i>THR-231</i>	<i>TRIAL NECK LARGE</i>		<i>1</i>



# IMPLANTS

## STEM

CAT NO	DESCRIPTION
THR-301	7.5MM STEM
THR-302	10.0MM STEM
THR-303	12.5MM STEM



## NECK

THR-304	NECK SMALL
THR-305	NECK MEDIUM
THR-306	NECK LARGE

## CUP

THR-307	CUP 42MM
THR-308	CUP 44MM
THR-309	CUP 46MM
THR-310	CUP 48MM
THR-311	CUP 50MM
THR-312	CUP 52MM
THR-313	CUP 54MM
THR-314	CUP 56MM
THR-315	CUP 58MM





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**ACETABULAR REINFORCEMENT RINGS**

THR-401	42MM
THR-402	44MM
THR-403	46MM
THR-404	48MM
THR-405	50MM
THR-406	52MM
THR-407	54MM
THR-408	56MM
THR-409	58MM



**REINFORCEMENT CAGE LEFT**

THR-501	46MM
THR-502	48MM
THR-503	50MM
THR-504	52MM
THR-505	54MM
THR-506	56MM



**REINFORCEMENT CAHE RIGHT**

THR-601	46MM
THR-602	48MM
THR-603	50MM
THR-604	52MM
THR-605	54MM
THR-606	56MM

