



SURGICAL TECHNIQUE

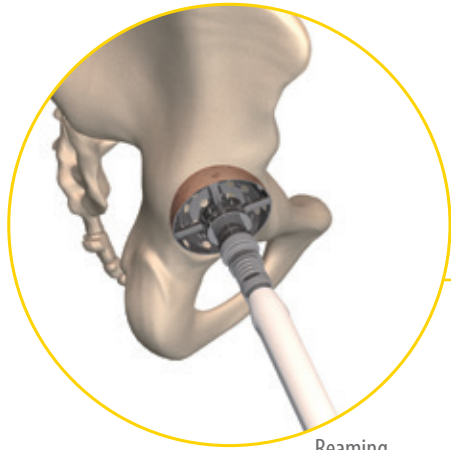
**CEMENTLESS
PRESS-FIT CUP**

Hip & go

SURGICAL TECHNIQUE

1. Planning and approach

The center of rotation of the arthroplasty is determined during pre-operative planning and enables the size of the implant to be estimated. The Hip'n go cup instrumentation is adapted to all approaches.



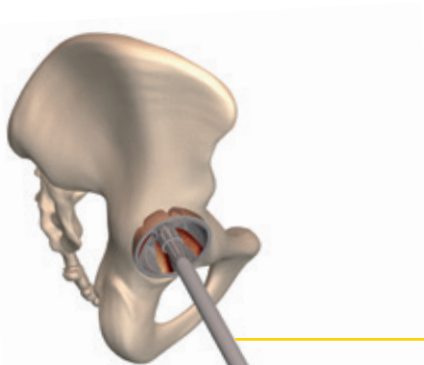
Reaming

2. Reaming

Reaming is carried out using specific cross head reamers in increasing sizes from 44 to 64 mm, in 2 mm increments. The acetabulum will be hollowed out, identifying the quadrilateral lamina to allow the cup to be fully inserted into the acetabular cavity.

The bone should be reamed down to the subchondral bleeding bone, ensuring vascularization and bone regrowth. Once the correct diameter has been reached the reamer will stabilize. The size of the last reamer corresponds to the size of the final metal-back.

- Reamer ref. 241 599 to 241 609
- Reamer handle ref. 241 615

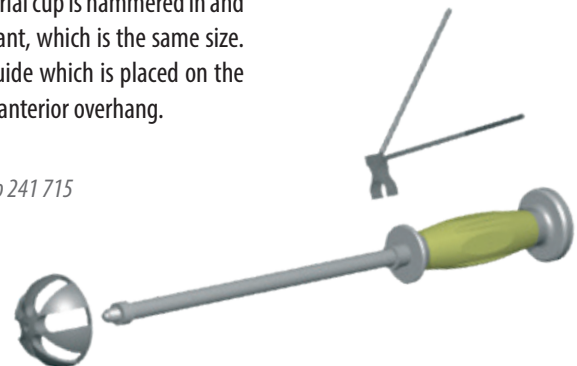


Inserting the trial cup

3. Cup trials

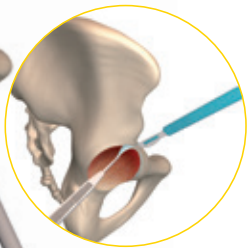
The trial cup corresponding to the last reamer used is screwed as tightly as possible onto the M6/M10 straight impactor. The trial cup is hammered in and its stability ensures the stability of the final implant, which is the same size. The tilt and anteversion are checked using the guide which is placed on the straight impactor, whilst taking care to avoid any anterior overhang.

- Straight impactor M6/M10 ref. 256 846
- Trial cups ref. 241 706 to 241 715
- Guide for impactor ref. 256 847
- Removable guide axis ref. 241 504



4. Impacting the final cup

Impaction of the press-fit metal-back using posterior approach



Cleaning the acetabulum

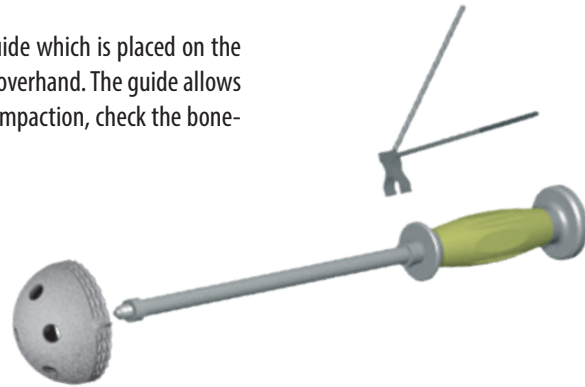
Prior to impaction, ensure that the acetabular cavity and cup edge have been thoroughly cleaned. A Hip'n go cup, the same size as the last reamer used, is then screwed as tightly as possible onto the M6/M10 straight impactor. Before impacting, locate the position of the screw holes that must be placed towards the top.

The tilt and anteversion are checked using the guide which is placed on the impactor, whilst taking care to avoid any anterior overhand. The guide allows marks to be made at 45° and 20°. After the final impaction, check the bone-implant contact through the polar hole.

Straight impactor M6/M10 ref. 256 846

Guide for impactor ref. 256 847

Removable guide axis ref. 241 504



Option: Anterior approach

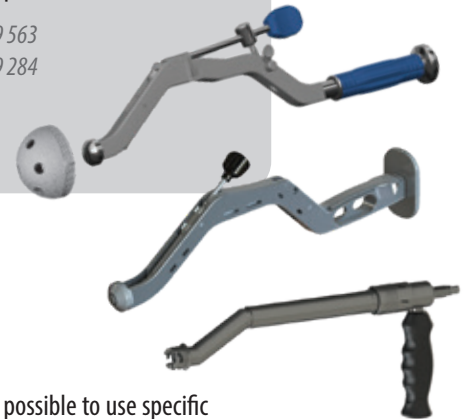
FH ORTHO instrumentation set allows anterior approaches to be performed for the different steps described previously. This requires replacing:

- the cross head reamer handle with an offset reamer handle
- the straight M6/M10 impactor with an offset cup impactor

Offset reamer handle ref. 254 572 or 269 563

Offset cup impactor ref. 254 798 or 269 284

Offset impactor guide ref. 254 799



5. Optional fitting of screws

If in doubt regarding the stability of the implant, it is possible to use specific titanium cancellous bone screws, 6.5 mm in diameter.

The drilling guide is required and must be used carefully to avoid the screw head interfering with the impaction of the insert.

The hole is drilled with the flexible 3.2 drill bit.

The calibrator will help to select the best screw that will be inserted using the screw tongs and the cardan screwdriver.

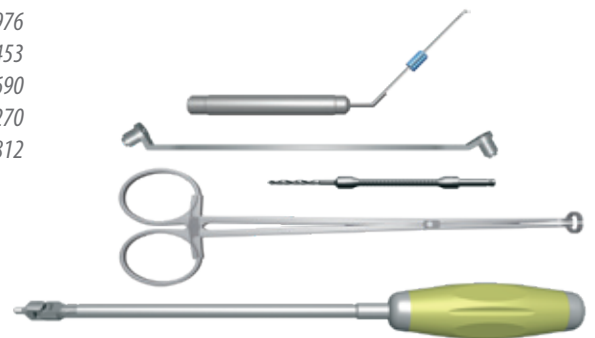
Screw calibrator ref. 206 976

3.2 mm drill guide ref. 252 453

Flexible 3.2mm drill bit – L. 44mm ref. 263 690

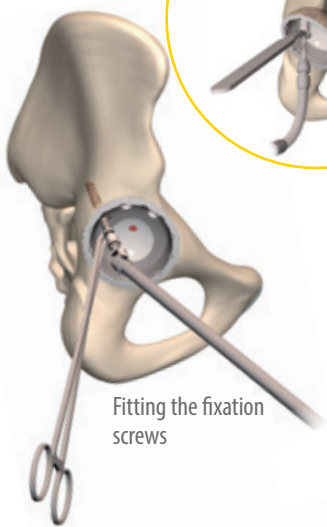
Screws tongs ref. 267 270

Cardan 3.5 screwdriver ref. 256 812



Drilling the screw hole

Fitting the fixation screws



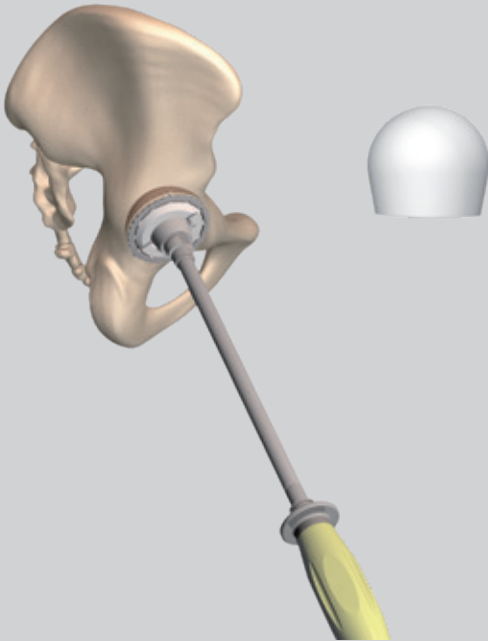
6. Fitting the liner

You must ensure that the interior of the cup is clean and free of soft tissue or bone fragments that could compromise correct fitting of the insert in the cup.

POLYETHYLENE LINER

The polyethylene liner is inserted in the cup. Before impaction, you need to check the notches on the metal-back and the liner are aligned. The final impactor (impaction ball) provided in the instrument set is mounted on the straight M6/M10 impactor.

Straight M6/M10 impactor ref. 256 846
Impaction ball ref. 256 819, 256 820, 258 311

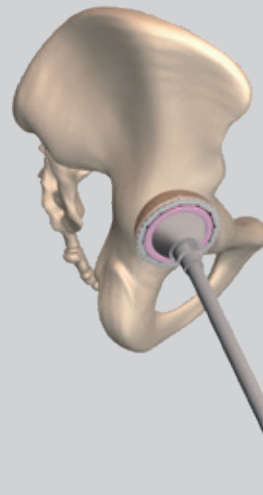


CERAMIC LINER

The insertion of a ceramic liner involves 2 stages:

- The approach and insertion of the ceramic into the metal-back is performed using a BILOX DELTA ceramic liner grip. (see picture)
- Once the liner is fitted into the metal-back, check there is no overhang outside the cup. Final impaction can be carried out using the mobile impaction ball of appropriate diameter mounted on the straight M6/M10 impactor.
- Check the impaction of the ceramic liner.

Straight M6/M10 impactor ref. 256 846
Impaction ball ref. 256 820 et 258 311



A flat key is provided in the instrument set to facilitate assembling and disassembling impaction attachments (ball or other) on the straight M6/M10 impactor.

Flat key ref. 257 237



The Following recommendations must be respected:

• **A ceramic liner can only be used with perfect positioning:**

- The cup's tilt must be as close to 45° as possible (angle usually used)
- The cup's anteversion must be close to an angle between 10° and 20°
Outside these zones, the load could compromise the fixation of the device or the device itself.
- The liner must be inserted with the holder and impacted along the cup's angle using the specific instrumentation.

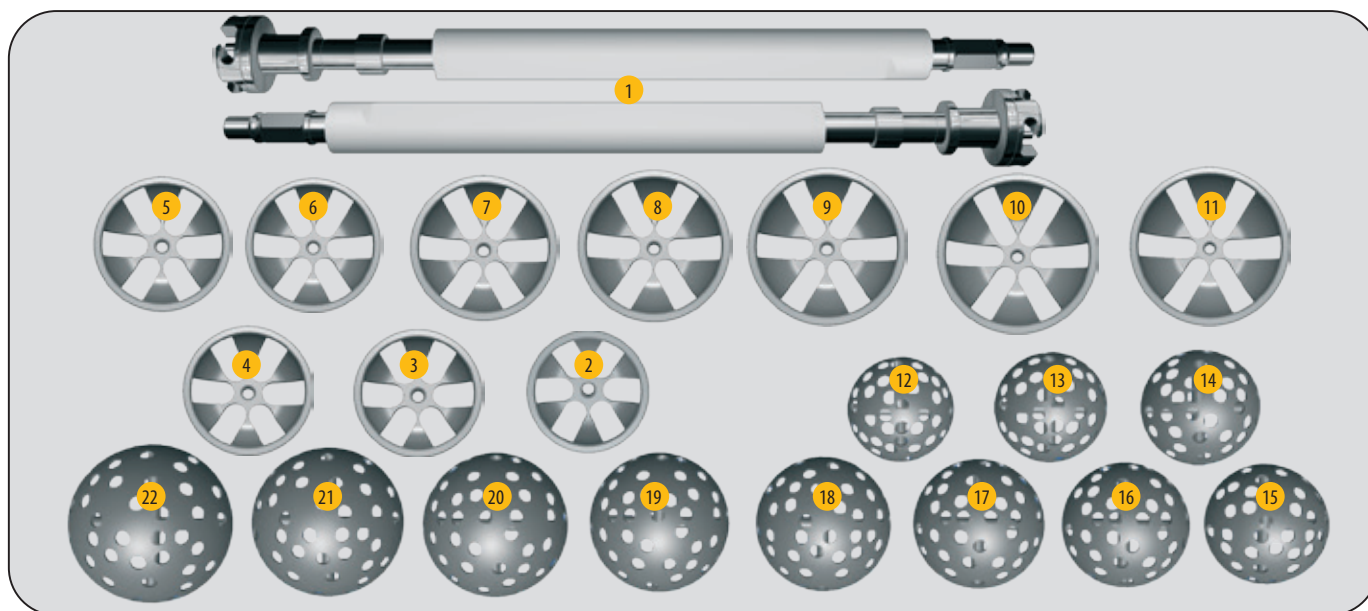
• **Furthermore, the following contraindications must be remembered:**

- Mental or neuromuscular problems that could create unacceptable risk of prosthetic instability, failure of fixture or rupture.

Note: The head must be fitted in accordance with the manufacturer's recommendations.



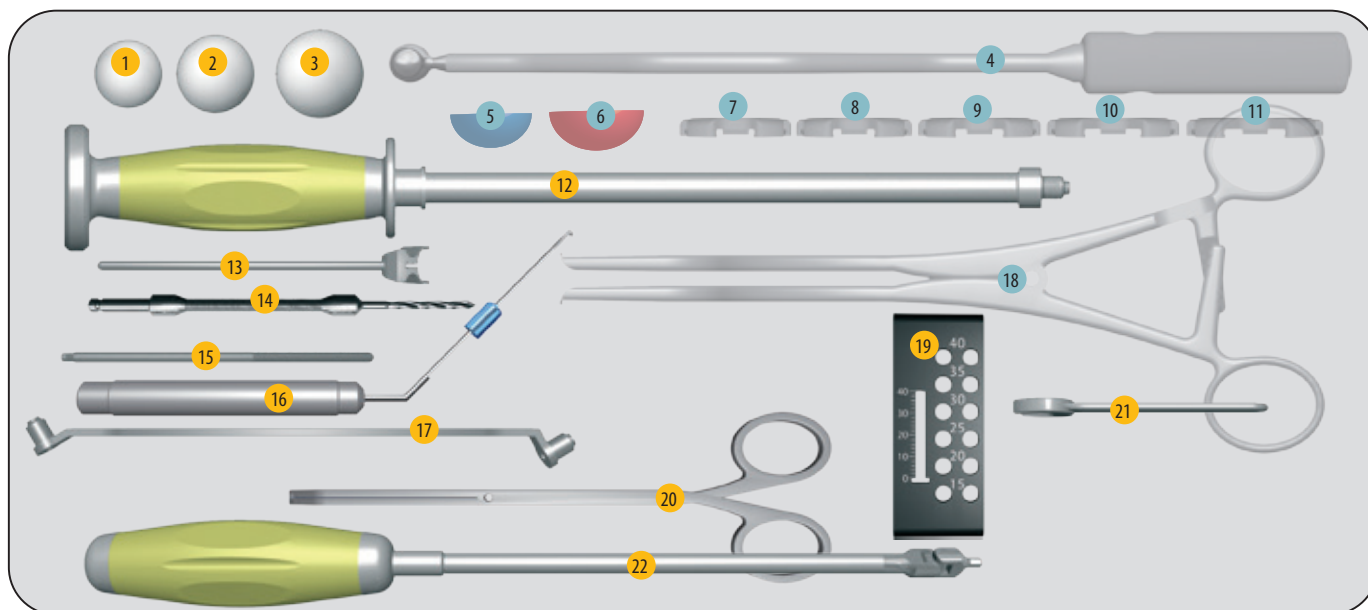
INSTRUMENT SET



- 1 Shaft for reamer (ref: 241 615)
- 2 Trial ring S46 (ref: 241 706)
- 3 Trial ring S48 (ref: 241 707)
- 4 Trial ring S50 (ref: 241 708)
- 5 Trial ring S52 (ref: 241 709)
- 6 Trial ring S54 (ref: 241 710)
- 7 Trial ring S56 (ref: 241 711)
- 8 Trial ring S58 (ref: 241 712)

- 9 Trial ring S60 (ref: 241 713)
- 10 Trial ring S62 (ref: 241 714)
- 11 Trial ring S64 (ref: 241 715)
- 12 Acetabular reamer Ø44 (ref: 241 599)
- 13 Acetabular reamer Ø46 (ref: 241 600)
- 14 Acetabular reamer Ø48 (ref: 241 601)
- 15 Acetabular reamer Ø50 (ref: 241 602)
- 16 Acetabular reamer Ø52 (ref: 241 603)

- 17 Acetabular reamer Ø54 (ref: 241 604)
- 18 Acetabular reamer Ø56 (ref: 241 605)
- 19 Acetabular reamer Ø58 (ref: 241 606)
- 20 Acetabular reamer Ø60 (ref: 241 607)
- 21 Acetabular reamer Ø62 (ref: 241 608)
- 22 Acetabular reamer Ø64 (ref: 241 609)



- 1 PE insert impactor Ø28 (ref: 256 819)
- 2 PE insert impactor Ø32 (ref: 256 820)
- 3 PE insert impactor Ø36 (ref: 258 311)
- 4 HNG ceramic liner holder (ref: 266 680)
- 5 BALL D32mm for HNG ceramic liner holder Ø32 (ref: 266 681)
- 6 BALL D36mm for HNG ceramic liner holder Ø36 (ref: 266 682)
- 7 HNG ceramic liner connector Ø32 S46-48 (ref: 266 683)
- 8 HNG ceramic liner connector Ø32 S50 (ref: 266 684)

- 9 HNG ceramic liner connector Ø32/36 S52 (ref: 266 685)
- 10 HNG ceramic liner connector Ø32/36 S54-56 (ref: 266 686)
- 11 HNG ceramic liner connector Ø32/36 S58-74 (ref: 266 690)
- 12 M6/M10 straight cup impactor (ref: 256 846)
- 13 Orientator for impactor handle (ref: 256 847)
- 14 Flexible drill bite D.3,2 Lg44 (ref: 263 690)
- 15 Axis for impaction handle (ref: 241 504)
- 16 Depth gauge for screws (ref: 206 976)

- 17 Drill guide 2 angles D.3,2mm (ref: 252 453)
- 18 Alumina insert holder (ref: 258 313)
- 19 Screw rac
- 20 HNG screw and plug holder (ref: 262 270)
- 21 Spanner (ref: 257 237)
- 22 Hexagonal screwdriver (ref: 256 812)

OPTION, ONLY ON REQUEST

REFERENCES

[Cementless Press-fit Cup]

CUPS

256 617	S46
256 618	S48
256 619	S50
256 620	S52
256 621	S54
256 622	S56
256 623	S58
256 624	S60
256 625	S62
256 626	S64

CERAMIC LINERS

256 670	Ø32 mm S46-48
256 671	Ø32 mm S50
256 672	Ø32 mm S52
256 673	Ø32 mm S54-56
256 674	Ø32 mm S58-74
256 675	Ø36 mm S52
256 676	Ø36 mm S54-56
256 677	Ø36 mm S58-74

STANDARD PE LINERS

256 755	Ø28 mm S46-48
256 648	Ø28 mm S50
256 649	Ø28 mm S52
256 650	Ø28 mm S54-56
256 651	Ø28 mm S58-74

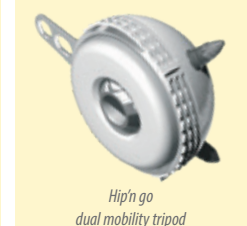
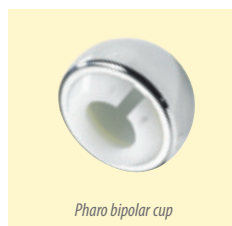
FLAT EDGED INSERTS

256 754	Ø28 mm S46-48
256 637	Ø28 mm S50
256 638	Ø28 mm S52
256 639	Ø28 mm S54-56
256 640	Ø28 mm S58-74

FLAT HEAD LOCKING SCREW FOR CANCELLOUS BONE (STERILE)

245 215	Ø6.5 mm L.15 mm
245 216	Ø6.5 mm L.20 mm
245 217	Ø6.5 mm L.25 mm
245 218	Ø6.5 mm L.30 mm
245 219	Ø6.5 mm L.35 mm
245 220	Ø6.5 mm L.40 mm
245 221	Ø6.5 mm L.45 mm
245 222	Ø6.5 mm L.50 mm
245 223	Ø6.5 mm L.60 mm

OTHER IMPLANTS OF THE RANGE



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