





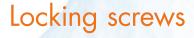




Implant dimensions and references



| 2 Ø12 37 3 Ø13 37,5 4 Ø14 38 5 Ø15 38,5 6 Ø16 39 2 Ø12 37 3 Ø13 37,5 4 Ø14 38 5 Ø15 38,5 6 Ø16 39 5 Ø15 38,5 6 Ø16 39 8 Ø13 37,5 8 Ø15 38,5 6 Ø16 39 | L. | Size | Ø (mm) | Offset (mm) | 1st drilling distance |
|---|--------|------|------------------|---------------|--------------------------|
| ## A Ø 14 38 130 mm 5 Ø 15 38,5 6 Ø 16 39 2 Ø 12 37 3 Ø 13 37,5 4 Ø 14 38 5 Ø 15 38,5 6 Ø 16 39 3 Ø 13 37,5 70 mm 70 | | 2 | Ø 12 | 37 | |
| 6 Ø16 39 2 Ø12 37 3 Ø13 37,5 4 Ø14 38 5 Ø15 38,5 6 Ø16 39 3 Ø13 37,5 | Ē | 3 | Ø 13 | 37,5 | |
| 6 Ø16 39 2 Ø12 37 3 Ø13 37,5 4 Ø14 38 5 Ø15 38,5 6 Ø16 39 3 Ø13 37,5 | 0 | 4 | Ø 14 | 38 | 130 mm |
| 2 Ø12 37 3 Ø13 37,5 4 Ø14 38 5 Ø15 38,5 6 Ø16 39 3 Ø13 37,5 | 18 | 5 | Ø 15 | 38,5 | |
| 3 Ø 13 37,5 4 Ø 14 38 5 Ø 15 38,5 6 Ø 16 39 3 Ø 13 37,5 | | 6 | Ø 16 | 39 | |
| 4 Ø14 38 170 mm 5 Ø15 38,5 6 Ø16 39 3 Ø13 37,5 | | 2 | Ø 12 | 37 | |
| 6 Ø 16 39 3 Ø 13 37,5 | Ē | 3 | Ø 13 | 3 <i>7</i> ,5 | |
| 6 Ø 16 39 3 Ø 13 37,5 | 0 | 4 | Ø 14 | 38 | 170 mm |
| 3 Ø13 37,5 | 25 | 5 | Ø 15 | 38,5 | |
| | | 6 | Ø 16 | 39 | |
| E | 325 mm | 3 | Ø 13 | 37,5 | |
| E 4 Ø14 38 | | 4 | Ø 14 | 38 | 210 |
| 5 Ø15 38,5 210 mm | | 5 | Ø 15 | 38,5 | ZIOmm |
| 6 Ø16 39 | | 6 | Ø 16 | 39 | |









| L. | Ø (mm) | Code | Part number |
|--------|---------------|---------------------|-------------|
| 1/ | Ø 12 | SAGIT.EVL R 2-180 G | RM10450520 |
| Ę | Ø 13 | SAGIT.EVL R 3-180 G | RM10450521 |
| 80 mm | Ø 14 | SAGIT.EVL R 4-180 G | RM10450522 |
| 18 | Ø 15 | SAGIT.EVL R 5-180 G | RM10450523 |
| | Ø 16 | SAGIT.EVL R 6-180 G | RM10450524 |
| Ë | Ø 12 | SAGIT.EVL R 2-250 G | RM10450525 |
| | Ø 13 | SAGIT.EVL R 3-250 G | RM10450526 |
| 250 mm | Ø 14 | SAGIT.EVL R 4-250 G | RM10450527 |
| 25 | Ø 15 | SAGIT.EVL R 5-250 G | RM10450528 |
| | Ø 16 | SAGIT.EVL R 6-250 G | RM10450529 |
| E | Ø 13 | SAGIT.EVL R 3-325 G | RM10450530 |
| | Ø14 | SAGIT.EVL R 4-325 G | RM10450531 |
| 325 | Ø 15 | SAGIT.EVL R 5-325 G | RM10450532 |
| (-) | Ø 16 | SAGIT.EVL R 6-325 G | RM10450533 |

| L. | Ø (mm) | Code | Part number |
|--------|---------------|---------------------|-------------|
| 180 mm | Ø 12 | SAGIT.EVL R 2-180 D | RM10450500 |
| | Ø 13 | SAGIT.EVL R 3-180 D | RM10450501 |
| | Ø 14 | SAGIT.EVL R 4-180 D | RM10450502 |
| | Ø 15 | SAGIT.EVL R 5-180 D | RM10450503 |
| | Ø 16 | SAGIT.EVL R 6-180 D | RM10450504 |
| 250 mm | Ø 12 | SAGIT.EVL R 2-250 D | RM10450505 |
| | Ø 13 | SAGIT.EVL R 3-250 D | RM10450506 |
| | Ø 14 | SAGIT.EVL R 4-250 D | RM10450507 |
| | Ø 15 | SAGIT.EVL R 5-250 D | RM10450508 |
| | Ø 16 | SAGIT.EVL R 6-250 D | RM10450509 |
| 325 mm | Ø 13 | SAGIT.EVL R 3-325 D | RM10450510 |
| | Ø 14 | SAGIT.EVL R 4-325 D | RM10450511 |
| | Ø 15 | SAGIT.EVL R 5-325 D | RM10450512 |
| | Ø 16 | SAGIT.EVL R 6-325 D | RM10450513 |
| | | | |

Compatible femoral heads



The femoral heads compatible with the **Sagitta EVL-R** have a 11/13 taper and are the following:

| Materials | Ø (mm) | Code | Part Number |
|-------------------------------|--------------|-------------------------|-------------|
| | | SI 22,2/-2,5 (- 2,5 mm) | RM30050009 |
| | Ø 22,2 | SI 22,2/0 (0) | RM30050010 |
| | | SI 22,2/+4 (+ 4 mm) | RM30050011 |
| | | SI 28/-4 (- 4 mm) | RM30050031 |
| Stainless steel | Ø 28 | SI 28/0 (O) | RM30050032 |
| (ISO 5832-9) | | SI 28/+4 (+ 4 mm) | RM30050033 |
| | | SI 32/-4 (- 4 mm) | RM96040020 |
| | Ø 32 | SI 32/0 (O) | RM30050050 |
| | | SI 32/+4 (+ 4 mm) | RM96040024 |
| | ~ ~ ~ ~ | SCC 22,2/0 (0) | RM30300010 |
| | Ø 22,2 | SCC 22,2/+4 (+ 4 mm) | RM30300015 |
| | | SCC 28/-4 (- 4 mm) | RM30300051 |
| | Ø 28 | SCC 28/0 (0) | RM30300055 |
| Cobalt-chromium (ISO 5832-12) | | SCC 28/+4 (+ 4 mm) | RM30300059 |
| | | SD 28/-4 (- 4 mm) | RM30750001 |
| | Ø 28 | SD 28/0 (0) | RM30750002 |
| | | SD 28/+4 (+ 4 mm) | RM30750003 |
| | Ø 32 Ø 36 | SD 32/-4 (- 4 mm) | RM30750004 |
| Biolox® delta ceramic | | SD 32/0 (0) | RM30750005 |
| (ISO 6474-2) | | SD 32/+4 (+ 4 mm) | RM30750006 |
| | | SD 36/-4 (- 4 mm) | RM30750007 |
| | | SD 36/0 (0) | RM30750008 |
| | | SD 36/+4 (+ 4 mm) | RM30750009 |
| | | | |

Compatible acetabular cups

The **Sagitta EVL-R** femoral stems range is compatible with the following acetabular cups:



Surgical technique

Pre-operative planning is essential to check the maximum distal diameter of the implant to be used, and its length.

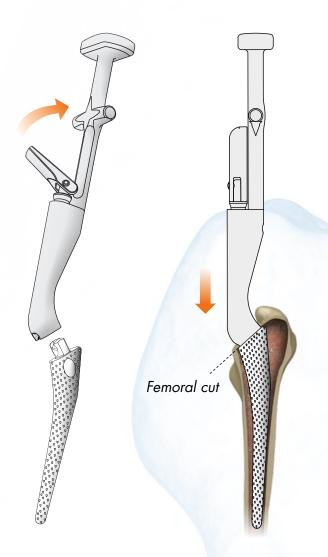
Diaphyseal reaming

This stage determines the distal diameter of the implant.

Reaming is performed with the flexible shaft equipped with a reamer head of gradually increasing size (Ø9 to Ø18mm) until the desired diameter is reached.

The femur should be reamed up to 1 mm or 2 mm more than the distal diameter of the prosthesis (see column 2 of the chart on page 2).

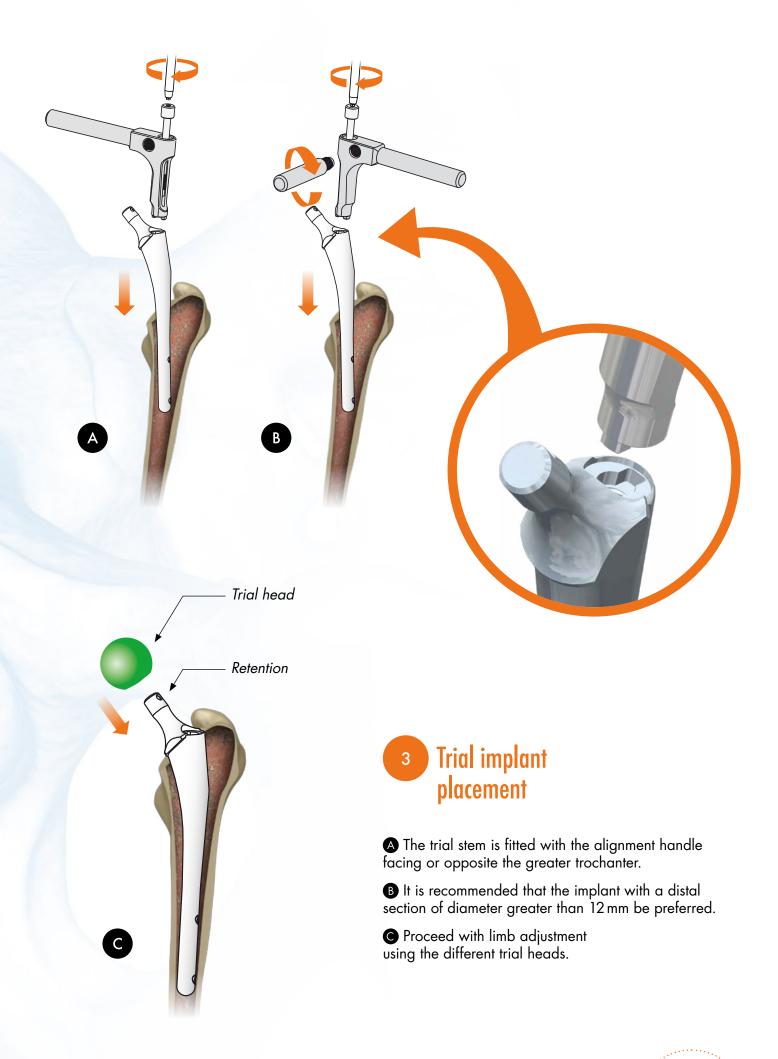
The longer the prosthesis to be used, the more the reaming diameter must be greater than the diameter of the implant to be used (+ 2 to 3 mm for 325 mm-long stems).





Femur preparation

The trial stem broaches included in the standard instrument set are used to gradually prepare the metaphyseal region of the femur.



Targeting device assembly

It is recommended that the targeting device be assembled prior to final impaction of the stem.

The implant is then inserted gently down into the femur.

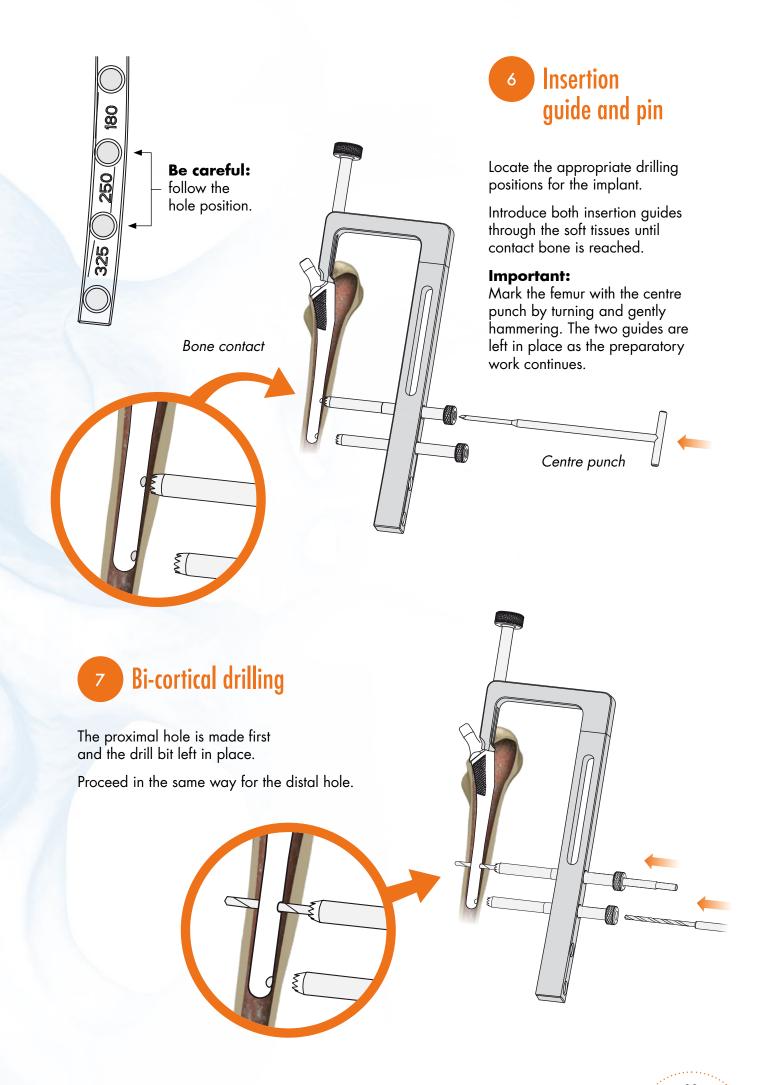
On the table, check the thumbwheel torque and slide the centre punch into the two holes. If the centre punch slides easily into the holes, this will confirm that the implant is precisely centred on the targeting device and also enable the requisite locking points to be memorised.

Important:

- do not force or hammer on the targeting device,
- check that the targeting device is properly fitted to the stem,
- check the thumbwheel torque and the stability of the implant.

In the posterior approach, the targeting device may come into conflict with the soft tissues when the leg is dislocated. A slight rotation in the direction of reduction will facilitate the connection.







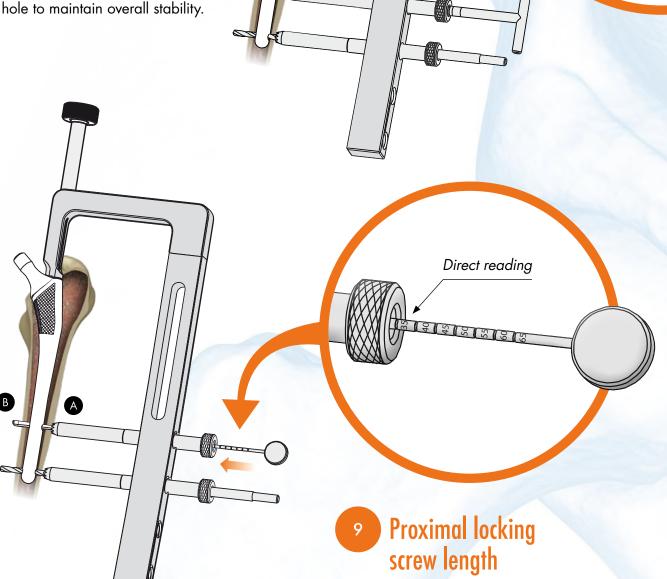
The first cortex only is tapped.

This takes about two revolutions of the tap.

Keep the guide in contact with the bone, and then tap delicately until the second mark only.

It is of utmost importance to keep the guide in steady contact with the bone so that the mark is kept true.

Leave the drill bit in the second hole to maintain overall stability



- A Mandatory contact of the drilling guide.
- **B** Contact on the medial cortex.

Keep the guide in contact with the bone. Measure the length of the locking screw through the guide. Tapping between

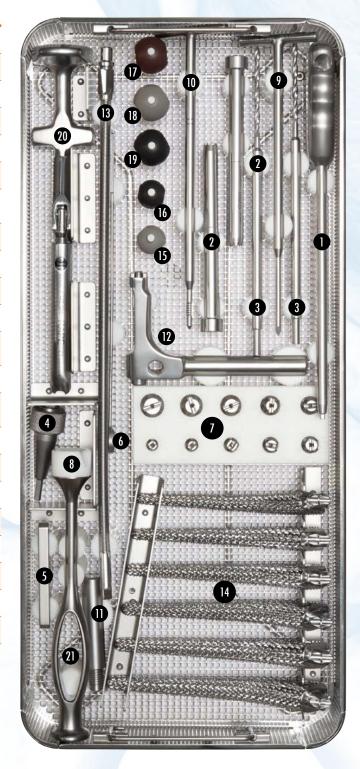
the 2 markings



Instruments sets

Common base ancillary kit VARASC01

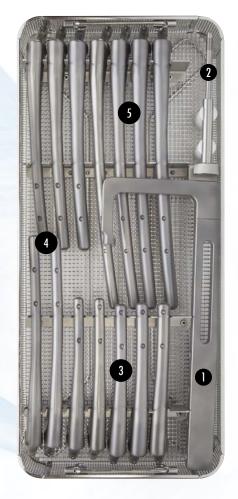
| N° | Code | Part number | |
|----------|----------------------|---|--|
| 0 | TH600 3.5 | Screwdriver 3,5 mm S/P | |
| 2 | GV600 | Targeting guide (2 objects) | |
| 3 | FH701 | Monoblock drill Ø4,5 mm (2 objects) | |
| 4 | ET | Reamer adaptor | |
| 6 | PAFCU | Handle for flexible shaft | |
| 6 | TM600 | Measuring shaft | |
| 0 | AF700 to AF709 | Reamer heads for flexible tree Ø 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18 mm | |
| 8 | El602 | End piece for head impaction-reduction | |
| 9 | BV600 | Targeting pin | |
| 0 | TA600 | Tap for Sagitta Revision screw | |
| 0 | PG600 | Extraction handle | |
| 1 | MP601 + VV601 | Sagitta Revision prehension handle M8 screw fixation | |
| B | AFCU | Flexible shaft | |
| • | RS602 1 à RS602 6 | Femoral broaches-trial stems sizes 1 to 6 | |
| (| TE603-22,2/0 | Trial head Ø22,2 medium | |
| • | TE603-22,2/+4 | Trial head Ø22,2 long | |
| • | TE603-28/-4 | Trial head Ø28 short | |
| 13 | TE603-28/0 | Trial head Ø28 medium | |
| 1 | TE603-28/+4 | Trial head Ø28 long | |
| 20 | ME605 | Reamer handle with front cam | |
| a | MI605 | Handle for head impaction-reduction | |
| 22 | BAFCU | Pin for flexible shaf | |



22 Separately delivered pin

Left side kit VARASG01

Right side kit VARASDO1





The Left and Right kits are available separately.

There is also an ancillary kit, VARASS01, gathering the three opposite baskets.

| N° | Left side code | Right side code | Part number |
|----|----------------|-----------------|---------------------------------|
| 0 | VT601 G | VT601 D | Targeting device |
| 2 | VV600 | VV600 | M8 Headed fixation screw |
| 3 | TES600 2-180 G | TES600 2-180 D | Trial stem size 2 length 180 mm |
| | TES600 3-180 G | TES600 3-180 D | Trial stem size 3 length 180 mm |
| | TES600 4-180 G | TES600 4-180 D | Trial stem size 4 length 180 mm |
| | TES600 5-180 G | TES600 5-180 D | Trial stem size 5 length 180 mm |
| | TES600 6-180 G | TES600 6-180 D | Trial stem size 6 length 180 mm |
| 4 | TES600 2-250 G | TES600 2-250 D | Trial stem size 2 length 250 mm |
| | TES600 3-250 G | TES600 3-250 D | Trial stem size 3 length 250 mm |
| | TES600 4-250 G | TES600 4-250 D | Trial stem size 4 length 250 mm |
| | TES600 5-250 G | TES600 5-250 D | Trial stem size 5 length 250 mm |
| | TES600 6-250 G | TES600 6-250 D | Trial stem size 6 length 250 mm |
| 6 | TES600 3-325 G | TES600 3-325 D | Trial stem size 3 length 325 mm |
| | TES600 4-325 G | TES600 4-325 D | Trial stem size 4 length 325 mm |
| | TES600 5-325 G | TES600 5-325 D | Trial stem size 5 length 325 mm |
| | TES600 6-325 G | TES600 6-325 D | Trial stem size 6 length 325 mm |



Notes



Sagitta EVL Révision® are medical devices labelled CE 0459 with the LNE/G-MED. Instructions must be read before use. In case of doubt, plese contact SERF's local distributor.

© 2018 SERF. All rights reserved. **Sagitta EVL Révision**® is a trademark of SERF



