





# UNCEMENTED ACETABULAR (METAL) CAPSULE SET - BM

## English

**Detailed description of the medical product, including the basics of its operation and its action, its content or composition, when applicable, as well as the list of accessories to complement the product:** The Uncemented Acetabular (metal) Capsule Set - BM is manufactured in stainless steel as defined by ASTM F138. The inner part of the models that make up the Uncemented Acetabular (metal) Capsule Set - BM design has to allow for the fitting by a interference mechanism with Unrestricted Acetabular Polymeric Core (Uncemented) - BM ANVISA registration No. 80128580099. The acetabular cores are available in the following models:

### Acetabular Component Model Biomec III

The metallic acetabular component made of stainless steel as defined by ASTM F138 with semi-spherical shape and holes for insertion of the acetabular screws are available with coating made of: - Titanium Alloy by Plasma Spraying as defined by the specifications of ASTM F 1580, which interacts with the surrounding bone, helping bone adhesion. The porous surface of the plasma contains protruding microscopic asperities, which penetrate the bone when the implant is placed. This roughness ensures anchoring of the implant at the time of implantation assisting in the initial fixation of the implant. These asperities (small protrusions) during the healing period means allow the bone cells to grow and remain sticking on these asperities, contributing to the stability and osseointegration of the implant. The metallic acetabular component are available in 046, 048, 050, 052, 054, 056, 058, 060, 062, 064, 066 and 068mm. This component has an internal suitable space for fitting a "press-fit" in the Acetabular insert made of polyethylene. The equatorial enhancement increases the fitting press-fit. The fixation of the acetabular component has 3 holes that allow the use of metal acetabular screws, manufactured as defined by ASTM F138 for additional fixation. These screws are accessories to the Uncemented Acetabular (metal) Capsule Set - BM (normative No. 1 (02/03/2009 - item 1.7.1 of Part 1 - hip joint)). These accessories feature a threaded asymmetric, spherical head 08.0mm with low profile, 3.5mm hex to be used with the hex wrench for its insertion or removal. It has a 06.0mm thread, varying only in length, with a trochanter tip that assists and facilitates the drilling and entering.

**Composition:** Uncemented Acetabular (metal) Capsule Set - BM are manufactured in stainless steel as defined by ASTM F138 and coated by Plasma Spraying of Titanium alloy as defined by the specifications of ASTM F1580.

**List of instruments accompanying Uncemented Acetabular (metal) Capsule Set - BM:** To use the Uncemented Acetabular (metal) Capsule Set - BM it is necessary to use the instruments kit for the Implant Placement in Hip Arthroplasty as specified in the table below. The instruments kits for prosthesis placement in Hip Arthroplasty are not the object of this record and are not part of this product and must be purchased separately.

### List of Instruments Kit

Qty	Code	Product
01	5136-00-000	Screw clamp for Acetabular
01	2141-00-000	Puncher for Acetabular Cortical - Uncemented Shell
01	5609-42-000	Acetabular Scraper Component 042 - Press-Fit
01	5609-44-000	Acetabular Scraper Component 044 - Press-Fit
01	5609-46-000	Acetabular Scraper Component 046 - Press-Fit
01	5609-48-000	Acetabular Scraper Component 048 - Press-Fit
01	5609-50-000	Acetabular Scraper Component 050 - Press-Fit
01	5609-52-000	Acetabular Scraper Component 052 - Press-Fit
01	5609-54-000	Acetabular Scraper Component 054 - Press-Fit
01	5609-56-000	Acetabular Scraper Component 056 - Press-Fit
01	5609-58-000	Acetabular Scraper Component 058 - Press-Fit
01	5609-60-000	Acetabular Scraper Component 060 - Press-Fit
01	5609-62-000	Acetabular Scraper Component 062 - Press-Fit
01	5609-64-000	Acetabular Scraper Component 064 - Press-Fit
01	5609-66-000	Acetabular Scraper Component 066 - Press-Fit
01	5609-68-000	Acetabular Scraper Component 068 - Press-Fit
01	5609-70-000	Acetabular Scraper Component 070 - Press-Fit
01	5609-72-000	Acetabular Scraper Component 072 - Press-Fit
01	5609-74-000	Acetabular Scraper Component 074 - Press-Fit
01	5609-76-000	Acetabular Scraper Component 076 - Press-Fit
01	5609-78-000	Acetabular Scraper Component 078 - Press-Fit
01	5609-80-000	Acetabular Scraper Component 080 - Press-Fit
01	5609-82-000	Acetabular Scraper Component 082 - Press-Fit
01	5609-84-000	Acetabular Scraper Component 084 - Press-Fit
01	5609-86-000	Acetabular Scraper Component 086 - Press-Fit
01	5609-88-000	Acetabular Scraper Component 088 - Press-Fit
01	5609-90-000	Acetabular Scraper Component 090 - Press-Fit
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