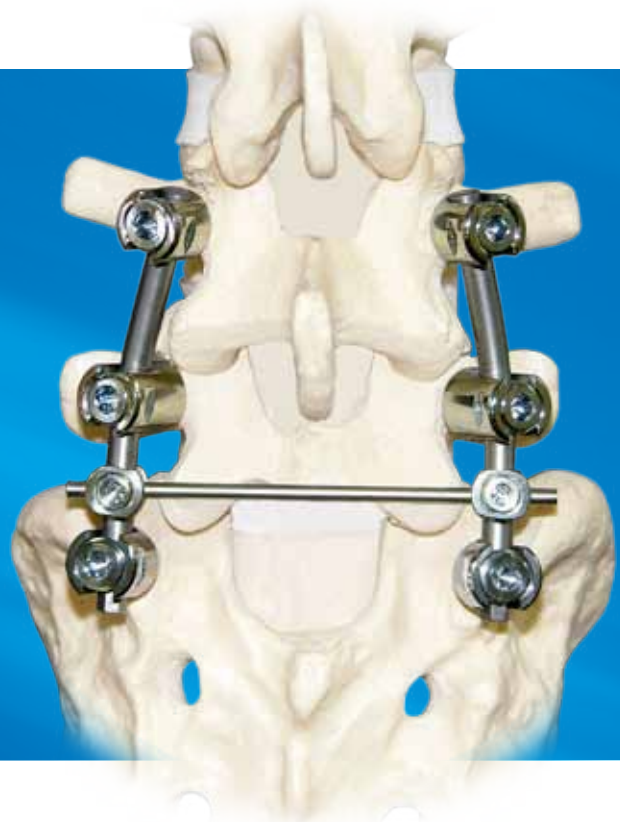


Spine

Column Fixation System





Define a way.
Draw a line.
Follow an ideal.

This is what Baumer S.A. has been doing since 1952. Under the ethics and quality line we have gone through a history of conquests, challenges, hopes and happiness. Along these years we have looked for perfection, vanguard, innovation and the future. We have upgraded our mark and our products. We have improved with a single line translated into different thoughts, concepts, ideas and smiles. For all this, today, with 58 years of history, we have a lot to tell, we have much more to accomplish. Count on us.

CERTIFICATIONS

Baumer's quality does not have frontiers. It has conquered the most demanding national and international certifications. Through the execution of several requirements, Baumer S.A. has certified its products and processes, it has broken frontiers and it has assured its mark and history.

TECHNOLOGY

Baumer S.A. has surpassed 50 years because it has always invested in the development of new technologies, in the invention of new concepts and in the continuous upgrading of its products line.

This is what guarantees the force of its mark, the precision of our products and their perfect functionality. Baumer S.A.'s solutions are present in several market segments, such as: health, industry, science and technology, assisting the main national and international standards.

SAFETY

To Baumer S.A. the value for safety means establishing solid partnerships with the best industrial suppliers seeking to integrate its products with only the most advanced, reliable components which in accordance with the present technical standards. This is total safety with total performance.

Evolving for your calmnes

Lock - I



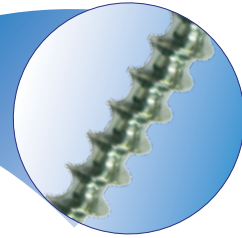
POLYAXIAL SCREW

Articulated polyaxial head which allows varied angle positions.



MONOAXIAL SCREW

Low profile head, tapered thread and round profile.



DOUBLE BODY SCREW

Listhesis correction without excessive modeling of the bar.



HIGH HEAD AND DOUBLE BODY SCREW

Easiness in placing the bar in cases of advanced Listhesis.

PEDICULAR SCREWS WITH PLASMA POROUS



Optimizes the osteointegration of the screw.

DIVERSE MODELS OF HOOKS GREATER FREEDOM OF CHOICE



Pedicular Hooks

Offset Oblique Hook

Oblique Hook

DEROTATOR / Practical solution for Scoliosis cases



DEROTATOR

Column Derotator instrumental kit to help in the correction of serious deformities of the vertebral column.



LOCKING NAIL

Used to lock the derotator in the transverse direction providing a better correction of the deformities .



LOCKING PINS

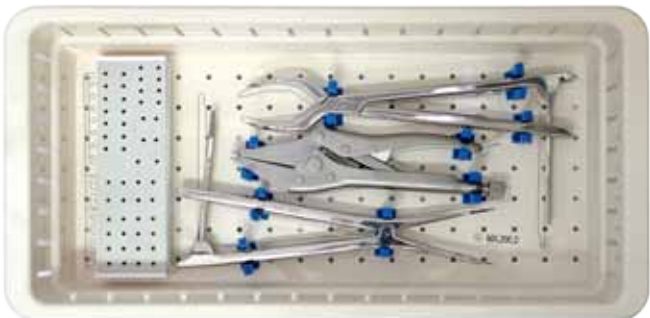
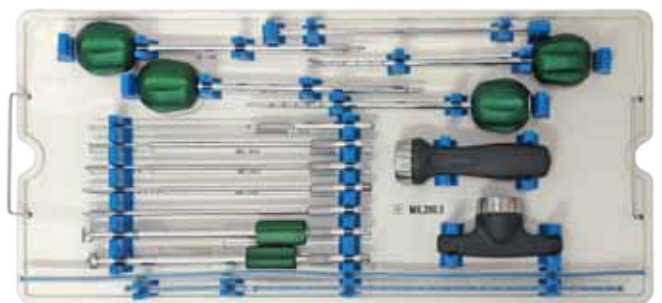
Coupled to the derotator and with movement towards the vertebrae facilitates the correction of serious deformities of the column.



DEROTATION WRENCHES

Independent derotation wrenches provide easiness and security during the correction of deformities.

Lock – I Column Fixation Instrument Kit



INTERSOMATIC FUSION DEVICES “BANANINHA”



Lateral hole for bone graft placement, optimizing osteointegration. PLIF technique via posterior placement

LUMBAR AND THORACIC PLATE



Low profile, anatomic design, adjustable holes and in several lengths.

POSTERIOR LUMBAR CAGE



In the Standard and Lordotic profiles with lateral holes for bone graft placement, optimizing osteointegration. Posterior Placement by the PLIF technique.

BONE SCREW



6.5mm diameter for lumbar plate use, 4.5mm diameter for thoracic plate, self-tapping tip and in several lengths .

**PEEK –POLYETHER-ETHER-KETONE,
ACCORDING TO STANDARD ASTM F-2026**



- High performance polymer
- Pureness • Biocompatibility
 - Flexibility • Elasticity
 - High mechanical resistance
 - Stability • Radiolucence

LUMBAR AND THORACIC SCREW



7.0mm diameter (Lumbar Screw) and 5.5m diameter (Thoracic Screw), self - tapping tip and in several lengths.

THORACO-LUMBAR EXPANSIVE CAGE



Cylindrical profile. Round holes for the placement of bone graft. Expansion rings with left and right threads which allow their expansion.

FIXATION NUT



Used in the fixation of the thoracic-lumbar screw .

ODONTOID SCREW



Indicated for odontoid process fixation. Double or simple thread, cannulated, self-tapping and with several lengths.

ANTERIOR AND POSTERIOR CERVICAL PLATE SCREWS



Normal screw, diameter 4,0mm and emergency screw diameter 4,5mm, low head profile, self-tapping tip and in several lengths.

ANTERIOR CERVICAL PLATE



Low profile, screw locking system, diverse profiles and dimensions.

ANGLED CERVICAL CAGE



Anatomic profile, with titanium localizer pins for the visualization of the positioning for radiographic control.

POSTERIOR CERVICAL PLATE



Low profile, anatomic profile and in several lengths.

CAGE PLATE



Anatomic cage plate
Plate available in 3 sizes.

SCREW FOR CAGE PLATE



3.5mm cancellous screw.



Low profile system with posterior fixation of the column, of the occipitocervical and cervical region. Indicated for atlantoaxial and high cervical instabilities.

SCREW SUPPORT



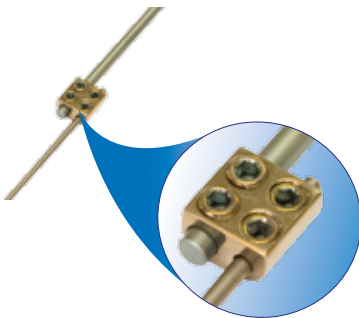
Allows the placement of Cancellous Screws of 3.5mm in the lateral mass, in neutral position (zero grade) 15° and 35°.

OCCIPITAL SCREW



Reverse occipital screw/ occipital nut and 3.5mm cancellous screws provide safe and efficient fixation in the occipital region.

ROD CONNECTOR



Connectors allow the connection of the occipital assembly to the cervical segment, and may extend to the thoracic segment of the vertebral column in complement to the Lock -1 Column system.

ARTICULATED SCREW WITH TOTAL OR PARTIAL THREAD



Articulated Screws (Polyaxial) with Total or Partial Thread allow the placement in angled positions providing the surgeon greater freedom when choosing the best position of the screw.

LONGITUDINAL / TRANSVERSE BAR



Provide stability and rigidity to the system.

SHORT / LONG ANGLED HOOK



Available for the right and left side for fixation and anchorage at the Atlas

OCCIPITAL BAR



Available with 3 and 4 holes
Allows the choice of the model which best adapts to the patient's profile and fixation needs.

Column | Column Fixation System

Markets

- Orthopedic
- Traumatology
- Neurosurgery
- Oncology
- Bucamaxilofacial

Products Family

- Conventional Prosthesis
- Non-Conventional Prosthesis
- Spine
- Internal Fixation
- External Fixation
- Intramedullary Fixation



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