



## Bollard Skeletal Anchors

- ✓ Bone anchor for maxilla and mandible
- ✓ More than 20 years of clinical experience
- ✓ Successful treatment of thousands of patients



Extensive clinical research and manufacturing innovation led to the Bollard portfolio. The anatomy-optimized miniplates are produced in one piece from the purest medical grade titanium without welding, bending or chemical treatment. This ensures adequate softness to adapt the miniplate to patients' morphology while keeping high mechanical resistance for long-term periodic loading (up to 250 g). For each child or adult, there is a suitable set of miniplates that fits the patient's specific orthodontic and surgical requirements.

The Bollard Skeletal Anchors are used for:

- Maxillary protraction
- Molar distalization
- Molar mesialization
- Molar intrusion
- Incisor retraction

The products are delivered sterile in double pouches.

The plates are rigidly fixed by 2 or 3 screws at a safe distance from the roots of the teeth.

### Orthodontists

Bollard miniplates enable orthodontists to correct Class III malocclusion through maxillary protraction and mandibular growth restriction. They also allow molar intrusion, mesialization and distalization as well as incisor retraction.

The anatomy-optimized miniplates provide stable anchorage to apply mechanical loading to teeth and bones as needed to achieve the treatment goal.

### Surgeons

Bollard miniplates are placed as part of a minimal invasive procedure and fixed on the maxilla (near the infrazygomatic crest) and/or mandible, depending on the orthodontic treatment plan.

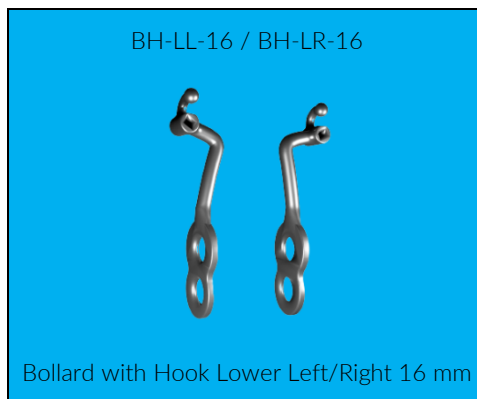
The flat bone plate, which is produced from pure titanium, adapts the curvature of the maxillary and mandibular bone automatically during the screw fixation, ensuring a perfect fit for each patient. A pediatric version of the Bollard miniplate is available when maxillary height is reduced and a Y-Shaped version for better adaptation to the infrazygomatic crest.



BH-type  
Hook-shaped head

Pediatric  
Shorter

Y-Shaped  
Anatomic



### Screws

|                                                            |                                                            |                                                         |                                                         |
|------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| <p>DSSA05<br/>Self-drilling screw<br/>D 2.3 mm, L 5 mm</p> | <p>DSSA07<br/>Self-drilling screw<br/>D 2.3 mm, L 7 mm</p> | <p>AI05<br/>Self-tapping screw<br/>D 2.3 mm, L 5 mm</p> | <p>AI07<br/>Self-tapping screw<br/>D 2.3 mm, L 7 mm</p> |
|------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|

|                                              |                                       |                                  |                                  |
|----------------------------------------------|---------------------------------------|----------------------------------|----------------------------------|
| <p>IT0315<br/>Osteosynthesis screwdriver</p> | <p>IT1013<br/>Twist drill 1.65 mm</p> | <p>IT3005<br/>Inox container</p> | <p>IT3012<br/>Box for screws</p> |
|----------------------------------------------|---------------------------------------|----------------------------------|----------------------------------|