



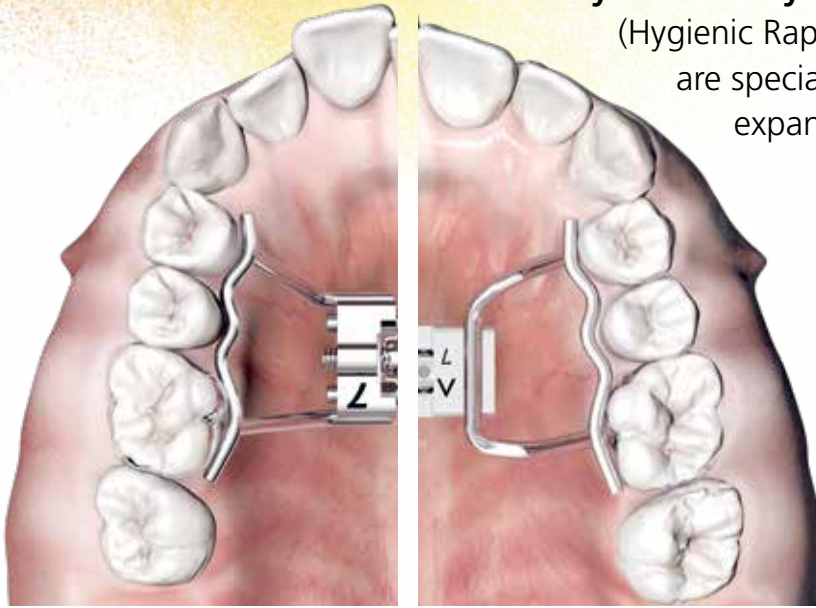
hyrax[®]

hyrax[®]  **click**

hyrax[®]  **neo**

Expansion screws for every application.

hyrax® and **hyrax® neo** screws
 (Hygienic Rapid Expansion Screw)
 are special screws for rapid palatal
 expansion with a fixed appliance.



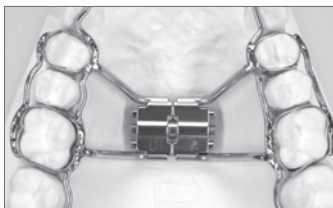
hyrax®
 hyrax®  **click**



hyrax®  **neo**



The hyrax® screws should float freely at least 1-2 mm above the palatal vault. In order to avoid leverage, the screws must be situated parallel to the occlusal plane.



They are welded or soldered to preformed bands using the retention legs. In order to bend the retention legs, we recommend using the universal bending key (REF 611-122-00) without the aid of additional pliers.

Universal bending key

REF 611-122-00
 Easy and gentle bending of the
 retention legs

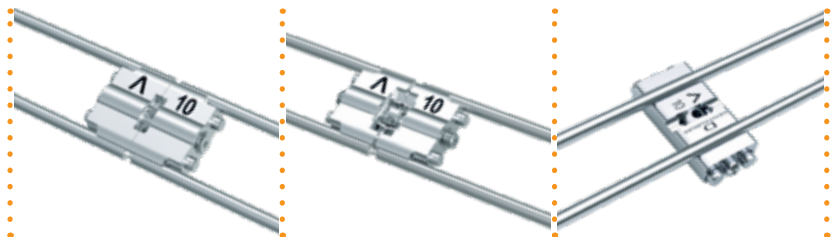


Safety key

REF 611-120-01
 Suitable for all Dentaaurum hyrax® screws.
 To safely activate the expansion screws
 in fixed appliances.

The choice is yours!

Find the right RPE screw that suits the way you work!



hyrax®

hyrax® **click**

hyrax® **neo**

| | | | |
|---|---|---|---|
| <p>Solid body High stability even when fully activated</p> | • | • | • |
| <p>Stable guidance Optimal design of guide pins</p> | • | • | • |
| <p>Easy to bend Break-resistant retention legs, little space needed to bend legs due to stepped screw body</p> | • | • | • |
| <p>Expansion stop</p> | • | • | • |
| <p>TAD-optimized design The retention legs are parallel to the palatal suture</p> | | | • |
| <p>Patented click feature for unwanted reversing The ideal screw locking feature during the active treatment phase. Clicking into place is perceptible after each quarter turn</p> | | • | |
| <p>High degree of safety For both the orthodontist and the patient</p> | • | • | • |
| <p>Laser marking Directional arrows and maximum expansion</p> | • | • | • |
| <p>Versions available</p> | | | |
| Without retention legs | • | • | • |
| With straight retention legs | • | • | • |
| With angulated legs | • | • | |

Product range

hyrax®

| Product | without retention legs | straight legs | angulated legs | Quantity |
|---|------------------------|---------------|----------------|----------|
| hyrax® Mini – 7 (expansion 7 mm) | 602-800-12 | 602-800-10 | 602-801-10 | 1 |
| | 602-800-32 | 602-800-30 | 602-801-30 | 10 |
| | – | 602-800-50 | 602-801-50 | 50 |
| hyrax® Medium – 10 (expansion 10 mm) | 602-808-12 | 602-808-10 | 602-840-10 | 1 |
| | 602-808-32 | 602-808-30 | 602-840-30 | 10 |
| | – | 602-808-50 | 602-840-50 | 50 |
| hyrax® Maxi – 12 (expansion 12 mm) | 602-811-12 | 602-811-10 | 602-812-10 | 1 |
| | 602-811-32 | 602-811-30 | 602-812-30 | 10 |
| | – | 602-811-50 | 602-812-50 | 50 |

hyrax® click

| Product | without retention legs | straight legs | angulated legs | Quantity |
|---|------------------------|---------------|----------------|----------|
| hyrax® click Mini – 7 (expansion 7 mm) | 602-830-12 | 602-830-10 | 602-831-10 | 1 |
| | 602-830-32 | 602-830-30 | 602-831-30 | 10 |
| | – | 602-830-50 | 602-831-50 | 50 |
| hyrax® click Medium – 10 (expansion 10 mm) | 602-832-12 | 602-832-10 | 602-833-10 | 1 |
| | 602-832-32 | 602-832-30 | 602-833-30 | 10 |
| | – | 602-832-50 | 602-833-50 | 50 |
| hyrax® click Maxi – 12 (expansion 12 mm) | 602-834-12 | 602-834-10 | 602-835-10 | 1 |
| | 602-834-32 | 602-834-30 | 602-835-30 | 10 |
| | – | 602-834-50 | 602-835-50 | 50 |

hyrax® neo

| Product | without retention legs | straight legs | Quantity |
|---|------------------------|---------------|----------|
| hyrax® neo Mini – 7 (expansion 7 mm) | 602-845-12 | 602-845-10 | 1 |
| | 602-845-32 | 602-845-30 | 10 |
| | – | 602-845-50 | 50 |
| hyrax® neo Medium – 10 (expansion 10 mm) | 602-846-12 | 602-846-10 | 1 |
| | 602-846-32 | 602-846-30 | 10 |
| | – | 602-846-50 | 50 |
| hyrax® neo Maxi – 12 (expansion 12 mm) | 602-847-12 | 602-847-10 | 1 |
| | 602-847-32 | 602-847-30 | 10 |
| | – | 602-847-50 | 50 |

Titan hyrax®

| Product | without retention legs | straight legs | Quantity |
|---|------------------------|---------------|----------|
| Titan hyrax® Maxi – 12 (expansion 12 mm) | 602-810-12 | 602-810-10 | 1 |
| | 602-810-32 | 602-810-30 | 10 |

Pack (1 piece / 50 pieces) with 1 safety key / Pack (10 pieces) with 10 safety keys

| Product | REF | Quantity |
|-----------------------|------------|----------|
| Safety key | 611-120-01 | 10 |
| Universal bending key | 611-122-00 | 1 |

Date: 2023-10

Subject to modifications