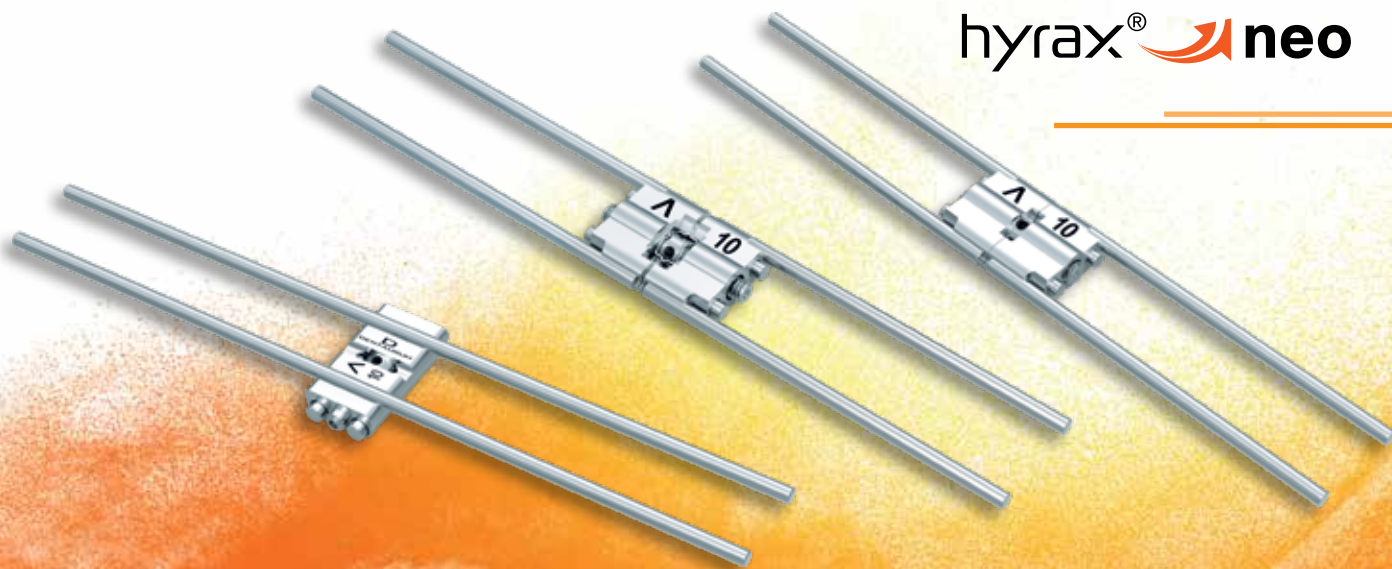


hyrax®

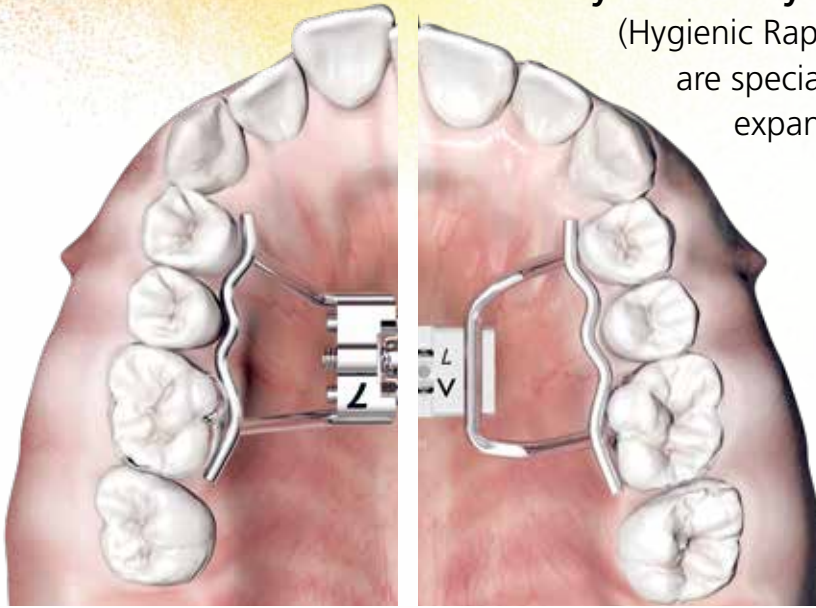
hyrax®  **click**

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.



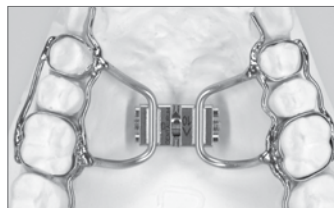
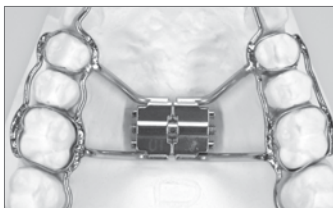
hyrax®
 hyrax®  **click**



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

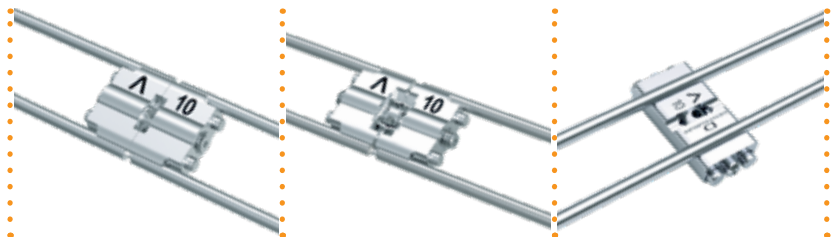


Safety key

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**

	hyrax®	hyrax® click	hyrax® neo
Solid body High stability even when fully activated	•	•	•
Stable guidance Optimal design of guide pins	•	•	•
Easy to bend Break-resistant retention legs, little space needed to bend legs due to stepped screw body	•	•	•
Expansion stop	•	•	•
TAD-optimized design The retention legs are parallel to the palatal suture			•
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		•	
High degree of safety For both the orthodontist and the patient	•	•	•
Laser marking Directional arrows and maximum expansion	•	•	•
Versions available			
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: 2022-02

Subject to modifications

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DENTAURUM