



The PowerScrew is a double telescope screw for use in palatal expansion devices.

Activation is simple, as the 8 cm long flat spanner can be quickly and safely used by the patient on the hexagonal screw.

Narrow palates need a small expansion screw. The PowerScrew therefore grows with it. By simply changing the hexagonal screw for the next bigger (three sizes: 8, 12 and 16 mm installation size).

The PowerScrew and its retention arms are extremely stable and can withstand the greatest forces and torques. One turn (6 surfaces) equals 1 mm expansion (0.17 mm per surface); every second surface is marked with increasing points.



Indications

Expansion of skeletally narrow upper jaws

Contraindications

Age-dependent, ossified palatal expansion

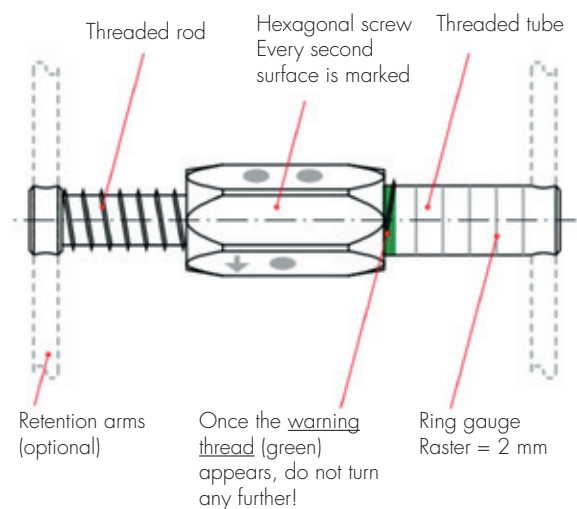
Field of Application

- Expanders with splints or Bands
- Hybrid Expanders
- Purely bone-borne expanders

Advantages

- Small body, high stability
- Changeable hexagonal nut
- Easy self activation by the patient with precisely fitting flat spanner
- More comfort due to rounded design
- Invisible in the mouth

The components of the PowerScrew





PowerScrew

Ref.	Dimensions
10963	PS 8 with loose holding arms, flat spanner
10965	PS 12 with welded holding arms, flat spanner
10967	PS 16 with welded holding arms, flat spanner
10593	Collars for adhesive bonding, straight
10841	Collars for adhesive bonding, profiled

(TAD) Dual-Top JS

Ref.	Dimensions
10615	D 2.5X12mm
10616	D 2.5X14mm
10566	D 2.5X16mm

Driver Shafts for (TAD) Dual-Top JS

10429	Bracket driver shaft C.A.
-------	---------------------------

TRADITIONAL RME










MICRO 4



STARTER KIT 10318

-  PowerScrew Expander 12mm (2 pcs.)
10963
-  Bracket driver shaft
10429
-  Collars (4 pcs.)
10841
-  Collar Plier
10611
-  Collar Extractor
10892
-  Labor analogues (4 pcs.)
10701
-  Transfer Caps (4 pcs.)
10622

-  Composite-Gun, orange (3 pcs.)
10728
-  Spatula
10632
-  Phase II composite (Parts A&B)
10332 & 10333
-  Alginate injector
10587
-  Triad-Gel 5g.
10336
-  Collar Exercise Block
n.a
-  Impression Tray
10787