

# jota

## JOTA NEWS 2021



JOTA  SWITZERLAND

## JOTA ZIR CUT

FAST | DURABLE | ECONOMICAL

### EXCELLENT ZIRCONIA CROWN CUTTERS

- › Specifically screened natural diamonds ensure high cutting performance
- › Special adjusted diamond bonding process provides greater durability
- › Large cutting surface for cutting of all high-performance ceramics
- › Made from one piece of metal for secure disc-to-shank connection
- › Different diameters for various thicknesses of restorations



## COMPOSITE DIAMOND POLISHERS- OCCLUPOL & SMALL SWIVEL

UNIVERSAL | DURABLE | TIME-SAVING

### THEY KNOW HOW TO REACH THE MOST PROFOUND FISSURES

- › Contained micro diamond grit
- › Applicable without polishing paste
- › Minimized aerosol generation
- › Small Swivel for small children's teeth
- › Swivel: one instrument for every tooth surface
- › Extraordinary durability
- › Multiple-use



## JOTA DRALL FINISHERS

DURABLE | POLISHING TIME-SAVING | SMOOTH

### PERFECT SMOOTH SURFACE

- › Have 3 degrees of smoothness: fine (orange), extra fine (yellow) and ultra fine (white)
- › Unique drall angle design guarantees vibration-free running
- › Smooth finishing surface superior to ultra-fine diamonds
- › Durability is higher compare to diamonds
- › Available in 5 shapes for different tooth surface
- › Used for composites and other restorative material
- › Faster polishing due to smooth surface finishing



## CE -DIAMONDS

SAFE | TIME-SAVING | ECONOMICAL

### COOL & EFFICIENT

- › 30% Faster cutting performance
- › Spiral geometry ensures optimum coolant supply and transport of the abrasion
- › Functional interface contributes to higher grinding performance
- › Completely diamondised with high - quality natural diamond grit
- › Used both for preparation and as ceramic crown cutters



## METAL CROWN CUTTER

QUICK | EFFICIENT | ECONOMICAL

### YOUR BEST PARTNER FOR METAL CROWN REMOVAL

- › Thanks to its special coarse toothing, this instrument is more efficient than other cutters
- › Excellent crown cutter for non-precious metals, titanium and porcelain fused to metal without instrument change
- › Also suitable for separation of composite and acrylic crowns
- › Improved service life



## JOTA DIAMOND STONE

UNIVERSAL | SPEEDY | LONG-LASTING

### THE BRILLIANT CHAIRSIDE ALLROUNDER

- › 100% diamond packed stone for fast processing
- › Used to adjust extra- and intraoral supracontact of all ceramic material & non precious alloys
- › Exceptional durability - 10 TIMES longer than diamond burs
- › Low heat build-up allows chairside and intraoral application
- › Available in 5 shapes, for friction grip and right angle



## DEGRANULATION DRILLS

SAFE | MULTI-PURPOSE | REUSABLE

### YOUR RELIABLE AND RISKLESS PARTNER IN REMOVING DEGRANULATION

- › 4 diamond drills of the sizes 1.0mm, 2.5mm, 3.0mm, 3.5mm
- › Multi-purpose drills can be used in implantology, periodontal surgery, endodontic surgery and root removal
- › Gentle removal of inflamed tissues that are inaccessible to manual treatment
- › Very coarse diamond edges allow fast removing of soft granulation tissue
- › Diamond instruments do not damage bone structure compared to carbide burs
- › Excellent for preparing for further bone regeneration procedure
- › Safe when working near the anatomical structures
- › Multiple-use



**FEEL THE DIFFERENCE  
WITH NEW JOTA  
INSTRUMENTS**



## USA RESTORATIVE CONCEPT

- > Instruments are especially suited for the preparation of ceramic crowns
- > **Anterior Reduction Diamonds WD560:** 2 anterior depth limiting burs (0,15 mm & 0,28 mm) with 3 tiers
- > **Occlusal Reduction Diamonds 828T:**
  - controlled depth reduction for incisal edges, lingual and posterior occlusal surfaces
  - available in 6 cutting depths: 1.0, 1.5, 1.8, 2.0, 2.2 & 2.4 mm. It is possible to make depth marks for various restoration materials
  - thanks to the unique, angled depth stops, a precisely defined removal is made possible
  - have an 8° cone and are therefore ideally suited for the preparation inlays and onlays
- > **Bulk reduction burs WD203 & WD204:**
  - new design of the instrument tips prevents the formation of steps during preparation
  - available in very coarse, medium and fine grits
  - WD203 for posterior bulk reduction, 6.0mm length and WD204 for anterior bulk reduction, 8mm length

**828T    WD560    WD203    WD204**



## ORTHODONTIC SPECIFIC CATALOGUE | LABORATORY AND PRAXIS

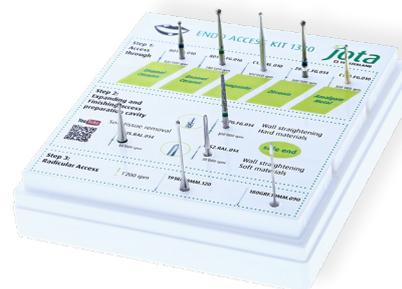
- > **Orthodontic Catalogue** includes following chapters:
  - Diamond Burs for Interproximal reduction*
  - Diamond Discs for Interproximal reduction*
  - New scientific based debonding protocol for brackets removal*
  - Acryl devices and aligners finishing and polishing*
  - New orthodontic carbides for residue removing*
- > Safe end bur **C152** for friction grip and right angle allows to work in the cervical areas and keep the enamel and gingival margin intact
- > Carbide bur **C375R.FG.012** can be used to remove the adhesive around the perimeter of the ceramic bracket and create grooves on the cervical and incisal edges of the bracket. These grooves are necessary to secure the bracket pliers or cutters better and safely remove the bracket from the tooth surface.
- > 2 new shapes of **ADHESIVE RESIDUE REMOVERS 9360 & 9361:**
  - reduce costs due to long service-life
  - pre-polish enamel surface
  - are less destructive than the most popular tungsten carbide burs
  - leave the smoothest and most predictable surfaces
  - no risk of damage to the dental enamel
  - are sterilisable
- > **New carbide cutter C251QX** has special toothing for the processing of thermoplastic splints materials
- > **New steel circular saw 231** removes very easy acrylic thermoplastic form from plaster model

**C152    C375R    9360    9361    C251QX    231**



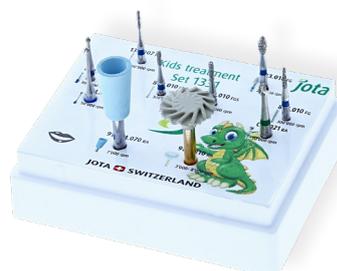
## ENDO ACCESS KIT 1330

- › The Endo Access Kit 1330 has the minimum set of instruments for creating an endodontic access cavity through various restorative materials and contains the primary burs for locating and widening the canal entrances. The Endo Access Kit allows optimal trepanation of all materials and straight-line creation of an access cavity.



## KIDS TREATMENT SET 1331

- › KIT 1331 contains short-shaft micro preparation instruments for optimal treatment of small teeth or in narrow oral spaces. Kit 1331 provides all the necessary burs for safe and uncomplicated caries treatment at children's teeth. The CQ1L tungsten carbide instrument with a slim neck and a small-format Swivel polisher support minimally invasive preparation in the dentin and final polishing.



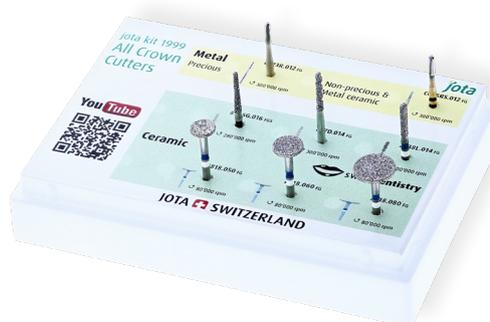
## ORTHODONTIC KIT RA 1390

- › JOTA Orthodontic Kit includes the necessary instruments with RA shaft for efficient and safe removal of adhesive residues after brackets and subsequent high-gloss polishing of the teeth. The C152 bur has a "safe end" so that material residues in the cervical area can be removed without damaging the gums, enamel, or root cement.



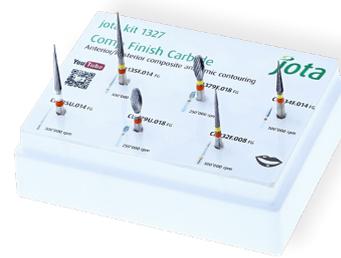
## ALL CROWN CUTTERS KIT 1999

- › KIT 1999 contains crown cutters for all materials: precious and non-precious metals, metal ceramics, various ceramics and especially zirconium oxide.
- › The crown separators for ceramics are divided into short and long shapes for working on the anterior and posterior teeth.
- › Specially designed disc-shaped ZIR CUT burs are used to separate all-ceramic crowns on occlusal and vestibular surfaces.
- › CAUTION: Use the disc-shaped ZIR CUT in the supragingival area with the necessary caution. We recommend placing a rubber dam before removing the crowns.



## CARBIDE COMPOSITE FINISHING KIT 1327

- › The 1327 Comp Finish Carbide Kit contains various drill finishers to finish all surfaces of anterior and posterior teeth with ease. These finishers create an extremely smooth surface on composites and other restorative materials. Due to the unique cutting geometry, the surface roughness is much finer than after standard carbide finishers or white diamonds.



## DIAMOND COMPOSITE FINISHING KIT 1326

- › KIT 1326 contains fine and ultra-fine diamond instruments for finishing composite restorations. The anatomical shape of the burs allows the surfaces of a wide variety of teeth - both anterior and posterior - to be finished and characterized.



## LS- ZIR POLISHING CHAIRSIDE 1453

- › KIT 1453 contains all the necessary instruments for contouring, finishing, and polishing zirconium-reinforced lithium silicate restorations in dental practice. Diamond instruments are used to finish supra-contact points, characterize occlusal and vestibular surfaces, and separate the crown from the block.
- › The green diamond stone is used for rough grinding of the connecting bars.
- › The grey Glaze Prep stone is intended for correcting supra-contacts (intraoral) and finishing the surfaces. In addition, the kit contains pre-polishers and high-gloss polishers in two shapes - for perfect polishing results without polishing paste.



## «ALL YOU NEED» CAD-CAM KIT 1432

- › KIT 1432 contains diamond burs for the precise preparation of inlays, onlays, veneers, partial crowns and crowns, and instruments for characterizing and polishing chairside ceramic restorations, including zirconia, Emax®, IPS Empress® or hybrid ceramic restorations.
- › Experience significant relief and time savings in your daily work with this kit. With a single set of instruments, you cover the entire spectrum of CAD-CAM materials and the entire digital workflow: depth marking - preparation - polishing - separating restorations - polishing restorations - grinding supra-contacts - intraoral polishing of the restorations.





### PRE-SINTERPOL

DURABLE | TIME-SAVING | SMOOTHER

#### WHITE-STAGE ZIRCONIA POLISHERS

- › Developed for lower strength of pre-sintered zirconium oxide
- › Polishers do not change the color of the pre-sintered zirconia and improve the surface quality
- › White-stage polishing improves the optical and mechanical properties of zirconia
- › Polishing after sintering takes less time
- › The grey M-polishers grind away connectors, thin out the margins and smooth the surface
- › The white F-polishers polish the surface of pre-sintered zirconia

#### Recommendations:

- use gloves when polishing pre-sintered zirconia, as it is highly sensitive to any coloured impurities
- pre-sintered zirconia restorations should be polished only in the dry state
- rotation speed 4.000-7.000 RPM without pressure



### GREEN STATE REFINING KIT 1936

- › Zirconia and Sintron in the pre-sintered state have a porous structure and low strength. Defects such as cracks and microchips formed due to the manufacturing process or characterization cannot be eliminated by subsequent sintering. We, therefore, recommend green- or white-stage polishing as an essential step before the sintering process.
- › The polisher "PRE-SINTERPOL" developed by Jota does not influence the white-state color of zirconium oxide but only improves the surface quality.
- › The 1936 GREEN STATE REFINING KIT contains instruments for cutting from the block or blank, grinding the contact points, texturing the surfaces, and PRE-SINTERPOL polishers for green or white stage polishing.



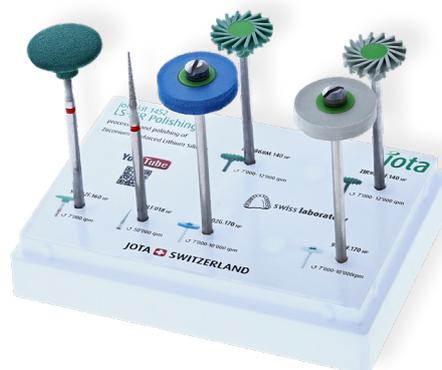
### DIGITAL DENTURE KIT 1888

- › Modern technologies in the manufacture of removable dentures using computer design require appropriate techniques for finishing and polishing. Digital Denture allows to process, separate, and polish the CAD-CAM manufactured dentures made of reinforced PMMA.



## LS- ZIR POLISHING KIT 1452

- › KIT 1452 contains all the necessary instruments for contouring, finishing, and polishing zirconium-reinforced lithium silicate restorations in the laboratory.
- › Diamond instruments are used to finish supra-contact points, characterize occlusal and vestibular surfaces, and separate the crowns from the block.
- › The green Diamond Stone is intended for rough grinding of the bonding contacts.
- › In addition, the kit contains pre-polishers and high-gloss polishers that provide high-gloss results and can be used without polishing paste. A two-stage Swivel polishing system for occlusal polishing completes this kit.



## JOTA ALL CERAMIC PROFI KIT 1413

- › A universal kit for working with all types of ceramics. Specially selected instruments to work with all restorations ceramics and composites: detaching, grinding, and high-gloss polishing. Experience significant relief and time-saving in your daily work with this set. Detailed instructions on the sequence of instruments for different types of ceramics can be found via videos on our YouTube channel.



› Introduction movie

Watch application movies on:



› zirconium oxide



› feldspar ceramic



› lithium disilicate



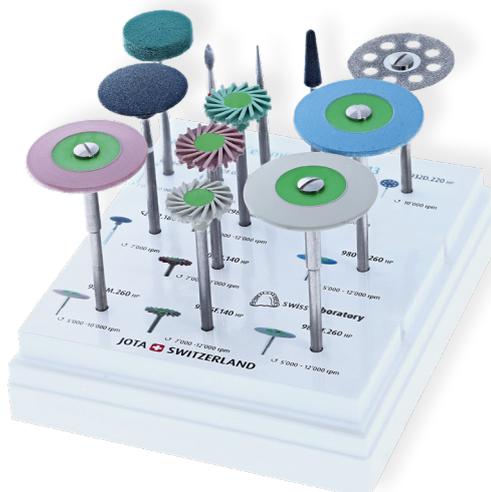
› leucite reinforced glass-ceramic



› zirconia reinforced lithium silicate



› composite and hybrid ceramic



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