

## The fast path to clinical confidence

The 3M™ Stainless Steel Crown procedure is fast, simple and flexible. The crowns' anatomy readily duplicates the anatomy of a natural tooth, and crown adjustment is quick and easy.

### Key benefits:

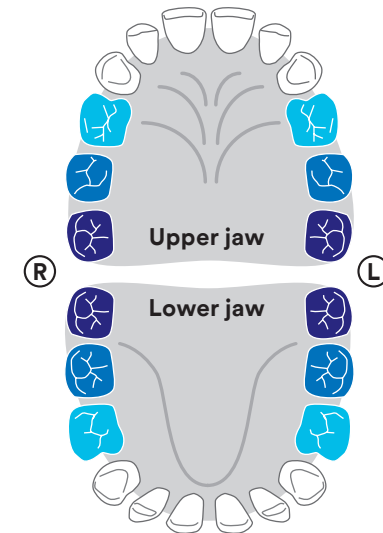
- Minimally invasive procedure that maintains natural tooth substance
- Maintains space to ensure permanent teeth are guided into place
- Tooth protection, plus excellent strength and wear resistance
- Excellent match for the natural dentition thanks to life-like height, contour and occlusal surface, 72 crown sizes to choose from
- Pre-crimped cervical margin for good retention and snap fit
- Efficient procedure: Easy to trim and adapt



### Use stainless steel crowns when a primary or first permanent molar:

- Shows extensive decay or damage, often on three or more surfaces
- Needs to be strengthened or protected from breaking or cracking
- Has a small cavity, but the surrounding enamel is weakened
- Has not developed normally (e.g. MIH)
- Needs short- or long-term protection. Crowns may be selected based on risk factors such as age and oral hygiene
- Is damaged and must be kept under observation before construction of a final restoration (first permanent molar only)

First primary molar			Second primary molar			First permanent molar		
Mesial-distal width in mm	Patient's		Mesial-distal width in mm	Patient's		Mesial-distal width in mm	Patient's	
	Left (Item No.)	Right (Item No.)		Left (Item No.)	Right (Item No.)		Left (Item No.)	Right (Item No.)
7.2	D-UL-2	D-UR-2	9.2	E-UL-2	E-UR-2	10.7	6-UL-2	6-UR-2
7.6	D-UL-3	D-UR-3	9.6	E-UL-3	E-UR-3	11.1	6-UL-3	6-UR-3
8.0	D-UL-4	D-UR-4	10.0	E-UL-4	E-UR-4	11.5	6-UL-4	6-UR-4
8.4	D-UL-5	D-UR-5	10.4	E-UL-5	E-UR-5	11.9	6-UL-5	6-UR-5
8.8	D-UL-6	D-UR-6	10.8	E-UL-6	E-UR-6	12.3	6-UL-6	6-UR-6
9.2	D-UL-7	D-UR-7	11.2	E-UL-7	E-UR-7	12.8	6-UL-7	6-UR-7
7.3	D-LL-2	D-LR-2	9.4	E-LL-2	E-LR-2	10.8	6-LL-2	6-LR-2
7.7	D-LL-3	D-LR-3	9.8	E-LL-3	E-LR-3	11.2	6-LL-3	6-LR-3
8.1	D-LL-4	D-LR-4	10.2	E-LL-4	E-LR-4	11.6	6-LL-4	6-LR-4
8.5	D-LL-5	D-LR-5	10.6	E-LL-5	E-LR-5	12.0	6-LL-5	6-LR-5
8.9	D-LL-6	D-LR-6	11.0	E-LL-6	E-LR-6	12.4	6-LL-6	6-LR-6
9.3	D-LL-7	D-LR-7	11.4	E-LL-7	E-LR-7	12.8	6-LL-7	6-LR-7



**A winning team:** 3M™ Stainless Steel Crowns are fast to adjust and seat. 3M™ Ketac™ Cem Plus Automix Resin Modified Glass Ionomer Cement and 3M™ Ketac™ Cem Radiopaque Glass Ionomer Luting Cement both offer reliable performance and fluoride release. 3M™ Ketac™ Cem Plus Automix Cement comes in a handy automix syringe with a tack light-cure feature for easy clean-up on demand.



3M™ Stainless Steel Crown



3M™ Ketac™ Cem Plus Automix Resin Modified Glass Ionomer Cement

3M™ Ketac™ Cem Radiopaque Glass Ionomer Luting Cement

## Treatment of primary upper molar 54 with a 3M™ Stainless Steel Crown

Courtesy of “International Practice for Pediatric Dentistry and Orthodontics”, Dr. J. Esch, Munich, Germany



1. Carious defect of tooth 54 in a 3-year-old child.



2. Reduce occlusal surface and open pulp chamber with round diamond bur. Remove inflamed pulp.



3. Achieve hemostasis with a hemostatic agent. Seal the pulp.



4. Perform tangential prep with a diamond bur to prepare for stainless steel crown.



5. Trim and crimp the crown if needed.



6. Check the crown's fit on the tooth prep. Use a probe to ensure that there is no gap between crown and tooth prep.



7. Dry the tooth with gauze and fill the crown with 3M™ Ketac™ Cem Glass Ionomer Luting Cement.



8. Place the crown on the tooth prep. Use a band setter to seat and drive the crown down if child cannot bite down.



9. Remove excess cement.



10. Final restoration of tooth 54 with 3M™ Stainless Steel Crown.



Find the clinical video at  
[youtube.com/3MESPEdental](https://www.youtube.com/3MESPEdental)

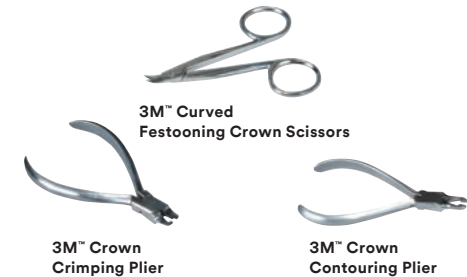
## Ordering Information



Item No.	Product Information
ND96	3M™ Stainless Steel Primary Molar Crowns Introductory Kit 96 crowns (2 crowns of each size)
Refill order codes see table on front page	
<b>Accessories</b>	
801203	3M™ Curved Festooning Crown Scissors
800417	3M™ Crown Crimping Plier
800112	3M™ Crown Contouring Plier
<b>Cement</b>	
3536TK	3M™ Ketac™ Cem Plus Automix Cement Trial Kit 1 automix syringe – 8.5 g, 12 mixing tips
3536	3M™ Ketac™ Cem Plus Automix Cement Value Pack 3 automix syringes – 8.5 g each, 36 mixing tips
3541	12 3M™ Ketac™ Cem Plus Automix Cement mixing tips



3M™ Stainless Steel Primary Molar Crowns Intro Kit



3M™ Crown Crimping Plier

3M™ Crown Contouring Plier

