



# TORQTECH

Ergonomic, Low Speed Motor Attachments



## Features at a Glance

- **Slim and Ergonomic Design**

TORQTECH attachments are perfectly balanced.

- **Lightweight, Reduces Fatigue**

New features reduce the stress of drilling, especially when removing old fillings or to perform large preparations.

- **Durable Chuck**

The chuck offers a strong grip on the bur and is long lasting.

- **Smooth Surface Finish**

The surface of the attachments is smooth and also corrosion resistant.

- **Efficient Spray Filter**

The contra angles are suitable for an LED source and also have a water filter to prevent clogging of the water spray lines.

- **Maximum Illumination**

The glass rod light guide minimizes loss of light intensity.

- **Superior Maintenance Spray Oil**

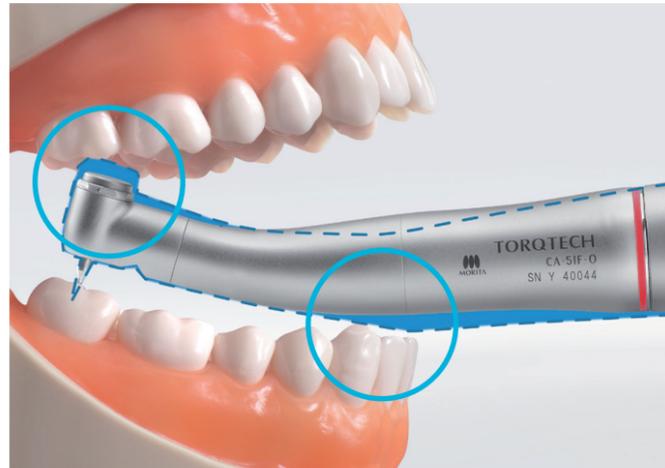
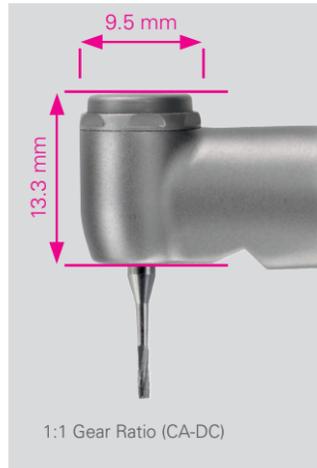
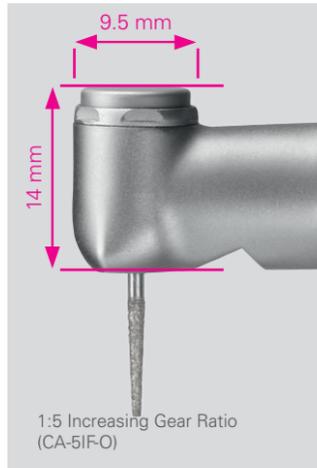
The newly developed LS Spray oil for TORQTECH attachments optimizes performance and enables the unit to withstand a greater load.



# Compact Head & Body Refined Technology for All Treatment Areas

TORQTECH Attachments:

Straight (STDH), 1:1 Contra Angle (CA-DC),  
and 1:5 Increasing Contra Angle (CA-5IF-O)

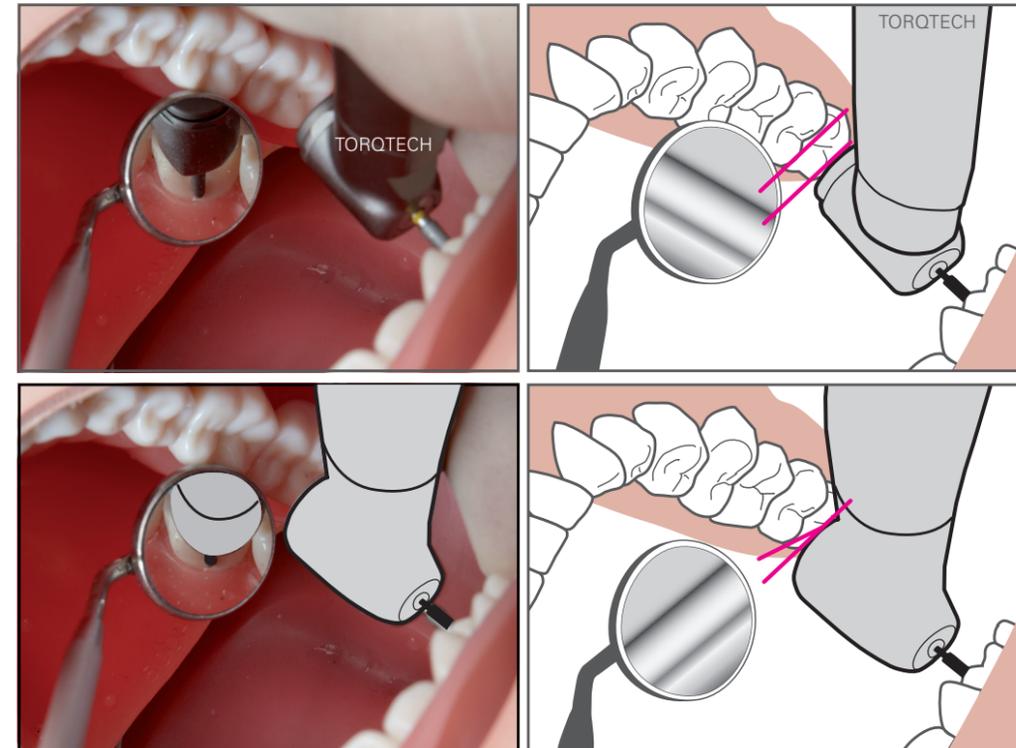


Handling Comparison of TORQTECH and Morita's CA-5IF-O. Dotted lines and shaded areas show difference in shape.

TORQTECH attachments are compact and perfectly balanced with a smooth surface finish. Ergonomically designed, they offer easy access to the treatment area and are more comfortable for both the dentist and patient.

# Handling Excellence

Handling Comparison of TORQTECH and Standard sized head



## TORQTECH

The smaller head is more comfortable for patients and offers better access in the posterior region. It is especially helpful when the patient has limited opening.

## Standard sized head

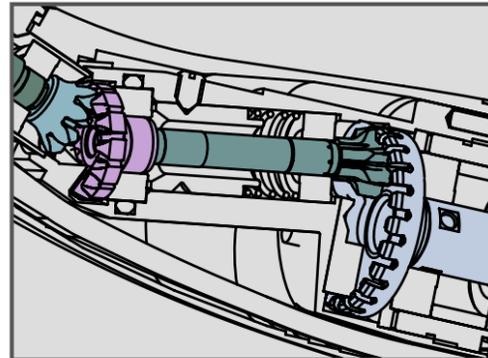
A standard sized head is generally taller and strikes opposing teeth in the treatment area. The sensation of this can be stressful and uncomfortable for patients.

# TORQTECH Attachments: Advanced Design Features

Morita's ideal handpiece is light, compact and well-balanced. TORQTECH is the latest expression of these ideals.

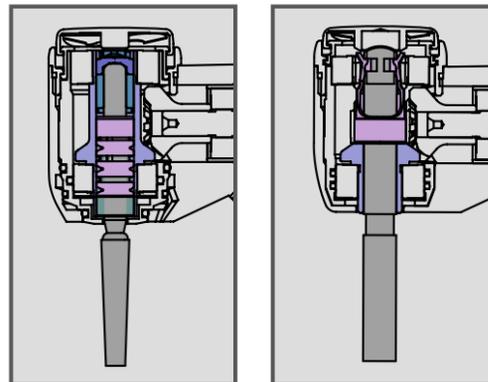
## Durable and Efficient

TORQTECH attachments use a new, high-precision gear system, which reduces rotation noise and burr wobble. These new features make preparation of large cavities quicker and easier to accomplish.



## Sturdy Chuck and Smooth Surface Finish

The chuck has a strong grip on the bur and is long lasting. The surface of the attachment is durable, corrosion-resistant and more resistant to wear and tear. The surface of the attachment stays clean longer and has a smooth, comfortable feel.



## Spray Filter

The contra angle attachment is suitable for an LED light source and has a water filter to prevent clogging of the spray lines. This filter is easily removed for cleaning.

## Glass Rod Light Guide

The glass rod light guide minimizes loss of light intensity and is autoclavable.



## LS Spray

The newly developed LS Spray oil for TORQTECH attachments optimizes performance and enables the unit to withstand greater loads.



# Specifications

TORQTECH Attachments				
				
	With light	With light	Without light	Without light
Model Name	TORQTECH			
Generic Name	Straight and Geared Contra Angle Handpiece Attachments			
Type	CA-5IF-O	CA-DC-O	CA-DC	STDH
Gear Ratio	1:5 Increasing	1:1	1:1	1:1
Maximum Motor Speed (rpm)	40,000			
Total Length (mm)	94	94	94	84
Head Height (mm)	14.0	13.3	13.3	-
Head Diameter (mm)	9.5	9.5	9.5	-
Weight (g)	68	67	67	72
Glass Rod Light Guide	Yes	Yes	-	-
Ion Plating Treatment	Yes	Yes	Yes	Yes
Spray Holes	3	1	1	1
Spray Filter	Yes	Yes	-	-
Chuck	Push Button	Push Button	Push Button	Mechanical Lock
Acceptable Burs <sup>1</sup>	Shaft Type 3 (FG)	Shaft Type 1 (CA)	Shaft Type 1 (CA)	Shaft Type 2 (HP)
Acceptable Motors	ISO 13294, and ISO 11498 motors with ISO 3964 connections.			

TORQTECH Attachments				
				
	With light	Without light	Without light	With light
Model Name	TORQTECH			
Generic Name	Straight and Geared Contra Angle Handpiece Attachments			
Type	CA-10RC-O	CA-10RC	CA-4R-PP	CA-4R-O-PF
Gear Ratio	10:1 Reduction	10:1 Reduction	4:1 Reduction	4:1 Reduction
Maximum Motor Speed (rpm)	40,000		10,000	20,000
Total Length (mm)	94	94	94	94
Head Height (mm)	13.0	13.0	8.5	9.1
Head Diameter (mm)	8.0	8.0	8.0	7.8
Weight (g)	69	67	67	67
Glass Rod Light Guide	Yes	-	-	Yes
Ion Plating Treatment	Yes	Yes	Yes	Yes
Spray Holes	1	1	-	1
Spray Filter	Yes	-	-	Yes
Chuck	Push Button	Push Button	Screw-type	-
Acceptable Burs <sup>1</sup>	Shaft Type 1 (CA)	Shaft Type 1 (CA)	No. 1-72UNF	EVA <sup>®</sup> tips, Lamineer <sup>®</sup> tips <sup>2</sup>
Acceptable Motors	ISO 13294, and ISO 11498 motors with ISO 3964 connections.			

<sup>1</sup> Burs: ISO 1797 burrs.  
<sup>2</sup> EVA<sup>®</sup>tips, Lamineer<sup>®</sup>tips is a registered trademark of Dentatus



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