



# AK-1

Abutment Kit for DWX-42W

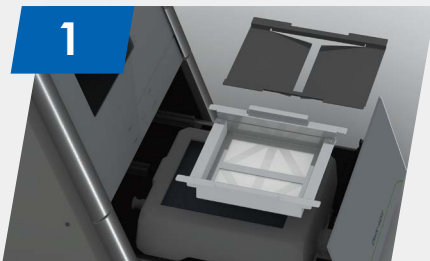


## In-house production of custom abutments

Simply connect the AK-1 attachment to the center pin of the DWX-42W material holder to produce high value, custom abutments. DGSHAPE's new special-purpose milling burs can process pre-milled titanium blocks with ease. A single DWX-42W unit can adapt to a variety of applications and grow your business profitability even further.

### Process pre-milled titanium blocks through simple operation

When switching to custom abutment processing, simply replace the filtration tray and connect the AK-1 attachment. Your CAM software handles the rest.



#### 1 Replace the tray

Replace the regular tank tray with the AK-1 tank tray.



#### 2 Connect the AK-1 attachment

Connect the appropriate attachment for your abutment blank to the work material holder of the DWX-42W.



#### 3 Mill and complete!

Fix the pre-milled block and begin milling.



# Abutment kit components

## AK-1 (Primary set)

- **Tray with special-purpose filter\***

Efficiently collects milling waste, for easy clean up



- **Torque driver**

Fix materials to adaptor with the appropriate level of torque



● **Replacement filters x 2** ● **Hexagonal wrench x 1** ● **Manual**

- **Three types of special-purpose milling burs**

New milling burs compatible with popular pre-milled block manufacturers from NT Trading, Medentika, and GeoMedi



- **Receptacle tray**



## Attachments (Sold separately)

### AK-1-GE

Compatible with GeoMedi Geo CMFit® series



### AK-1-ME

Compatible with MEDENTiKA PreFace® series



### AK-1-NT

Compatible with NT-Trading NT-PREFORM® series



\*Use of the special-purpose filter is required. Processing without attaching the filter may result in damage to the DWX-42W.

## Components needed to mill abutments



## Specifications

Item	Content	
Applicable model	DWX-42W	
Supported CAD	3Shape, exocad, Dental Wings*	
Supported CAM	MillBox / CIMsystem*	
Product configuration	AK-1 (Primary set)	Tray with special-purpose filter, three types of special-purpose milling burs, torque screwdriver, receptacle tray, hexagonal wrench, replacement filters, manual
	AK-1-GE / ME / NT (attachment)	3 types of material attachments GE: GeoMedi; ME: MEDENTiKA; NT: NT-Trading
Productivity	Processing time	50-80 minutes / tooth (Depends on form)
	Milling bur replacement time	ZTB-150D: 15 hours ZTB-100D: 3 hours ZTB-50D: 8 hours
Consumables	ZTB-150D / 100D / 50D	Special-purpose milling burs R1.5mm (Φ3mm), R1.0mm (Φ2mm), R0.5mm (Φ1mm)

\*Information as of March 2020 Please contact the software manufacturers for latest updates.