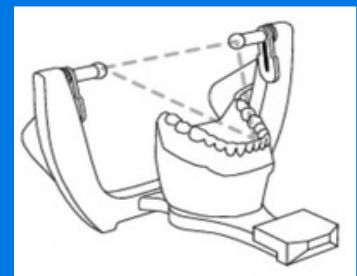




Denar® Universal Occlusal Stand

For mounting the casts at Bonwill's Equilateral Triangle on Denar, Hanau, and Whip Mix articulators.

- Includes two interchangeable tables:
 1. Flat table mounting; also accepts Kois Index Tray from Panadent
 2. Curved table indicating the Curve of Spee and Curve of Wilson
- Both the flat and curved table may sit at zero or at a 10 degree angle. A height adjustment is needed to accommodate either position at Bonwill's Triangle. Refer to articulator setting section.
- The universal occlusal stand fits the Mark 300 magnetic series articulators, the Denar and Hanau screw type articulators, and the Whip Mix articulators with Quick Mount magnetic system.



Product Includes*

- 2 Taper Pins (for using on Mark 300 Series)
- Denar/Hanau Thread Adapter
- Two Tables: Flat and Curved
- Fence in Bag
- Instructions
- 1/8" Hex Key
- 5/64" Hex Straight Wrench

**Note: Illustrated Parts list is available at the end of this manual.*

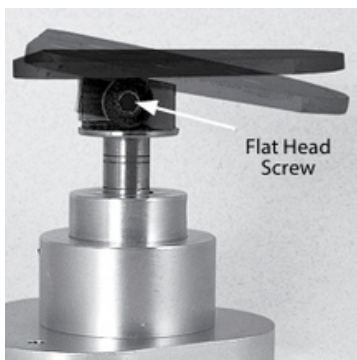
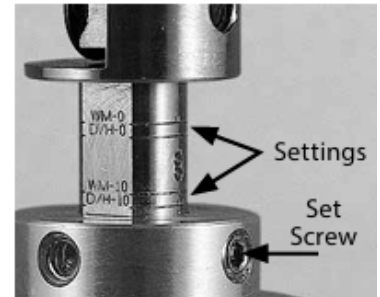


Table Angles

The table may be set at either a flat (0°) angle or 10° angle. Using the Flat Head screw on the side underneath the table and the 1/8" Hex Key, loosen the screw until you are able to freely move the table to a flat or angled position. Set the table to the desired position and secure by tightening the Flat Head screw.

Articulator Setting

- Using the side set screw on the middle cylinder and the 5/64" straight wrench, loosen the screw until you are able to raise and lower the top cylinder.
- You will notice four markings on the cylinder:
 1. WM – 0
 2. D/H – 0
 3. WM – 10
 4. D/H – 10



- If you are using a Whip Mix articulator with the table at 0° move the cylinder so that the **WM – 0** line is positioned at the top of the middle cylinder. The **WM – 0** lettering should be visible if aligned correctly. Tighten the set screw to secure the cylinder position.
- If you are using a Denar or Hanau articulator with the table at 0°, use the **D/H – 0** position.
- If you are using a Whip Mix articulator with the table at 10°, use the **WM – 10** position.
- If you are using a Denar or Hanau articulator with the table at 10°, use the **D/H – 10** position.

When using the flat table at a 0° or 10° angle, the fence is used to line up the incisal edge of the maxillary centrals. Be sure the text "Flat" on the fence is next to the casts for zero degree. Be sure the text "10 Degree" on the fence is next to the casts for 10 degree.



Flat Plate Lateral Adjustment Instructions (Midline – Lateral Correction)

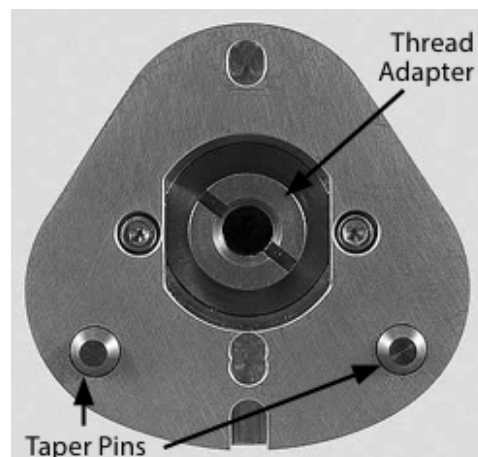
- If the midline requires lateral adjustment, locate the middle cylinder side set screw (#12) of the occlusal stand
- Loosen the set screw slightly (less than 1/4 turn)
- Adjust the table laterally until the midline aligns with the incisal pin
- Once the midline is properly aligned, retighten the set screw to secure the position

Adapting Occlusal Stand to your Denar/Hanau/Whip Mix Articulator

NOTE: Make sure all mounting surfaces are clean before adapting stand to articulator

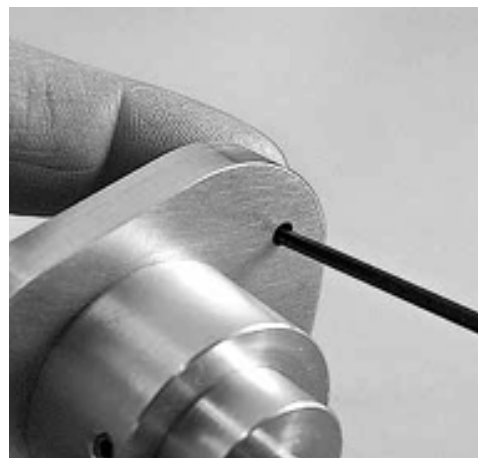
Denar® Mark 300 Series Articulators

- Be sure the two taper pins are in place on the bottom of the occlusal stand. If not, snap into place.
- Leave the Denar / Hanau thread adapter in place for additional magnetic strength.
- After cleaning each surface, place the stand on the lower member of the articulator by lining up the pins to the divots on the articulator.
- Be sure the stand is fully seated on the articulator



Denar® / Hanau® Articulators*

- Remove the two taper pins if they are in place by using the 5/64" hex key to push through the holes above the pins on top of the stand base. Be sure to save the taper pins in your fence bag in case they are needed in the future.
- Remove magnetic converter plate or index from the lower member.
- Attach the occlusal stand to the lower member of the articulator by locating on the dowel pins and tightening the thumb screw.

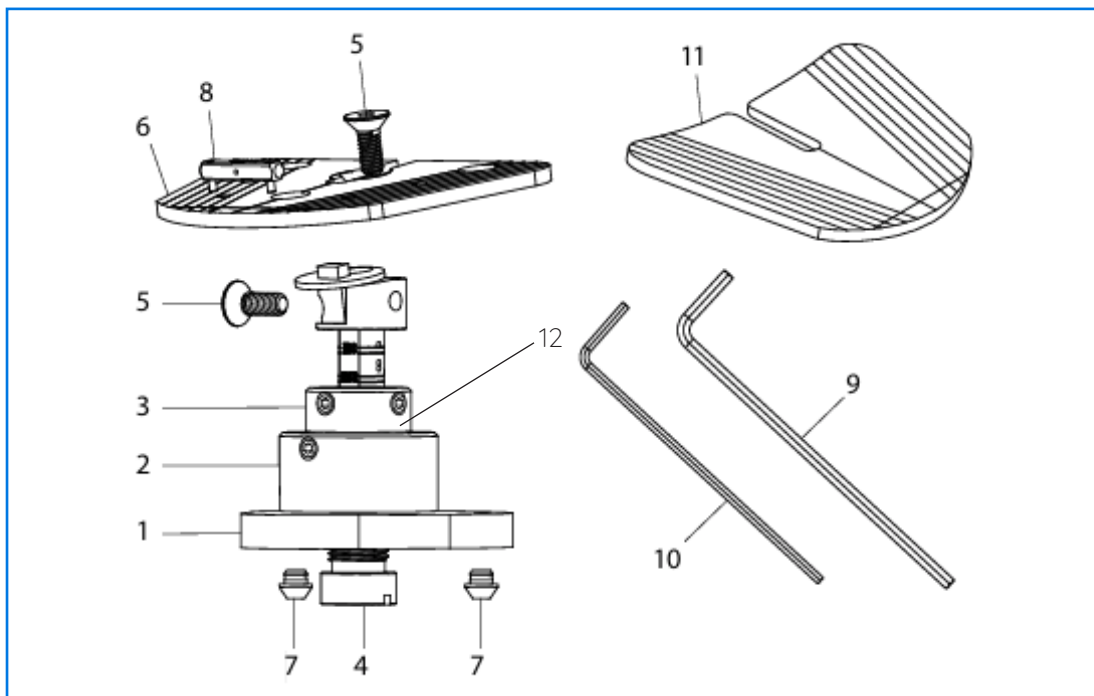


** Plate does not sit at Bonwill on Hanau-Mate™ or Ulti-Mate™ articulators*

Whip Mix Articulators with Quick Mount Magnetic System

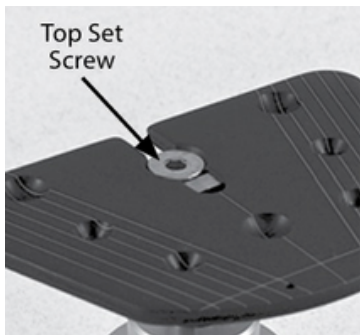
- Remove the two taper pins if they are in place by using the 5/64" straight wrench to push through the holes above the pins on top of the stand base. Be sure to save the taper pins in your fence bag in case they are needed in the future.
- Using a flat screwdriver or coin, loosen the Denar / Hanau thread adapter and remove. Be sure to save the thread adapter in your fence bag in case needed in the future.
- Snap the occlusal stand on to the quick mount system on the lower member of the articulator.
- For Whip Mix screw type articulators, please contact customer service for information on converting to a magnetic system.

Parts List



KEY #	PART #	DESCRIPTION
1		Base*
2		Base Post (Lower Cylinder)*
3		Extension (Middle Cylinder)*
4	20011711	Thread Adapter
5	R20011714	10-32 Flat Head Screw
6	20011713	Flat Plate
7	20011665	Taper Pin
8	20011717	Fence Assembly
9	R3556	1/8" Hex Key
10	010727-000	5/64" Hex Key
11	34213	Curved Plate
12		Side Set Screw

*Requires factory repair



Flat or Curved Table:

Using the topset screw and 1/8" Hex Key, loosen the screw until you are able to remove either the flat or curved table. Set in the table you choose to use, and tighten the top set screw.



Mounting with Kois Index Tray

- Use the flat table with the angle set to 0° (flat).
- Using the front set screw on the bottom cylinder and 5/64" hex wrench, loosen the screw until you are able to move the cylinder up and down. Set the middle cylinder at its lowest point and lock into place.
- Adjust the top cylinder to the "0" setting for either the Denar/Hanau or Whip Mix articulator depending which you are using.
- Attach Kois plate through holes in the mounting plate. Remember when finished with the Kois Tray, set the bottom cylinder at its highest point and lock.

Please check online at
www.whipmix.com
for the most current
instructions and parts list.

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