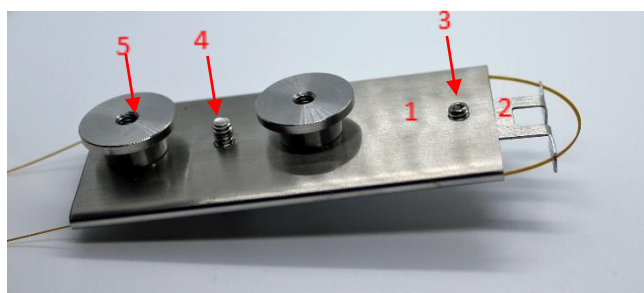
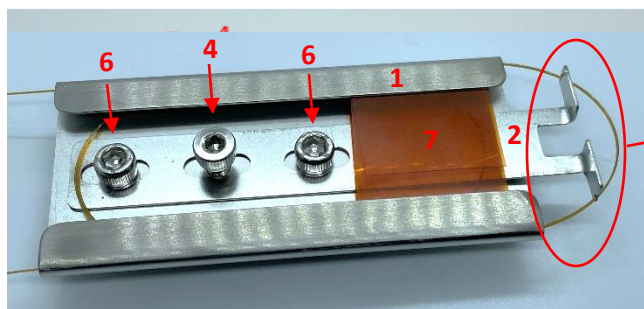


GCxGC Column Holder Assembly

- Ensure column loops remain stationary during hot jet gas pulse.
- Simplify column loop alignments by eliminating the need for re-alignment following initial installation.
- Safeguard column loops against splitting.



1. Column holder assembly body
2. Column alignment insert
3. Column alignment screw
4. Column holder-Head cramp tightening screw
5. Column holder hanging button
6. Column holder hanging screw
7. Kapton film



A "notch" design holds two column loops together without splitting.

The alignment insert **2** effectively prevents column loops from moving during the hot jet gas pulse.

The Screw **3** is to align the column loops vertically. By tightening or releasing screw **3**, the insert **2** will move down or up. This in turn, causes the column loop to adjust its vertical position.

For horizontal alignment of the column loops, simply release the two screws **6** and move the column alignment insert **2** to the desired position.

Once screw **4** is tightened, it will securely contact the head cramp, effectively preventing any movement of the column holder. This ensures the column holder remains in a fixed position.

Note:

1. All screws are intentionally loose to facilitate easy adjustments. Tight them securely once the column loop alignment is complete.
2. Screw **3** and **4** are optional. You may remove screw **3** if it is not required.
3. Screw **3** is specifically designed for minor adjustments. Please note that an Allen wrench is required (not included). If a significant adjustment is needed, it is advisable to raise or lower the head cramp instead.
4. The purpose of the Kapton film is solely to ensure the column remains securely in place within the column holder, preventing any risk of it falling out.