

**SMA Fixed Torque Wrench in Break-Over Type  
 5/16 inch Bit that is Pre-set to 5 in-lbs**

Fairview's break-over style torque wrenches allow accurate mating force when assembling and disassembling a variety of RF coaxial connectors. The unique feature of break-over torque wrenches is that they will "break" at the pivot point once the preset torque value force is achieved, effectively preventing the user from over tightening the coupling nut on the connector. Our break-over torque wrenches are lab-quality tools made with a durable nickel-plated steel alloy wrench head connected to a light weight, red anodized aluminum handle. These RF torque wrenches are secured inside a latched and labeled wooden box for proper storage.

**Configuration**

|                            |                        |
|----------------------------|------------------------|
| Torque Type                | Fixed                  |
| Design Type                | Break-Over             |
| Hex Size                   | 5/16 in                |
| Torque Setting             | 5 in-lbs [0.57 Nm]     |
| Torque Accuracy            | ±0.2 in-lbs [±0.02 Nm] |
| Torque Accuracy Percentage | ±4 %                   |

|                      |                       |
|----------------------|-----------------------|
| Weight               | 0.179 lbs [81.19 g]   |
| Handle Color         | Red                   |
| Wrench Head Material | Steel                 |
| Wrench Head Plating  | Nickel                |
| Handle Material      | Red Anodized Aluminum |

**Compliance Certifications** (see [product page](#) for current document)

**Notes:**

- Do not use on damaged connectors.
- To improve performance of a wrench that hasn't been used recently, actuate the wrench by clicking the wrench head back and forth several times before use. This will spread the lubricant through the internal mechanism.
- Break-over type torque wrenches require smooth consistent application of force. Each torquing action should be completed within 2 seconds. Slower or faster torquing action will detract from accuracy.

SMA Fixed Torque Wrench in Break-Over Type 5/16 inch Bit that is Pre-set to 5 in-lbs from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Fixed Torque Wrench in Break-Over Type 5/16 inch Bit that is Pre-set to 5 in-lbs ST-SMA-516-BO5A](#)

URL: <https://www.fairviewmicrowave.com/sma-torque-wrench-break-over-st-sma-516-bo5a-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



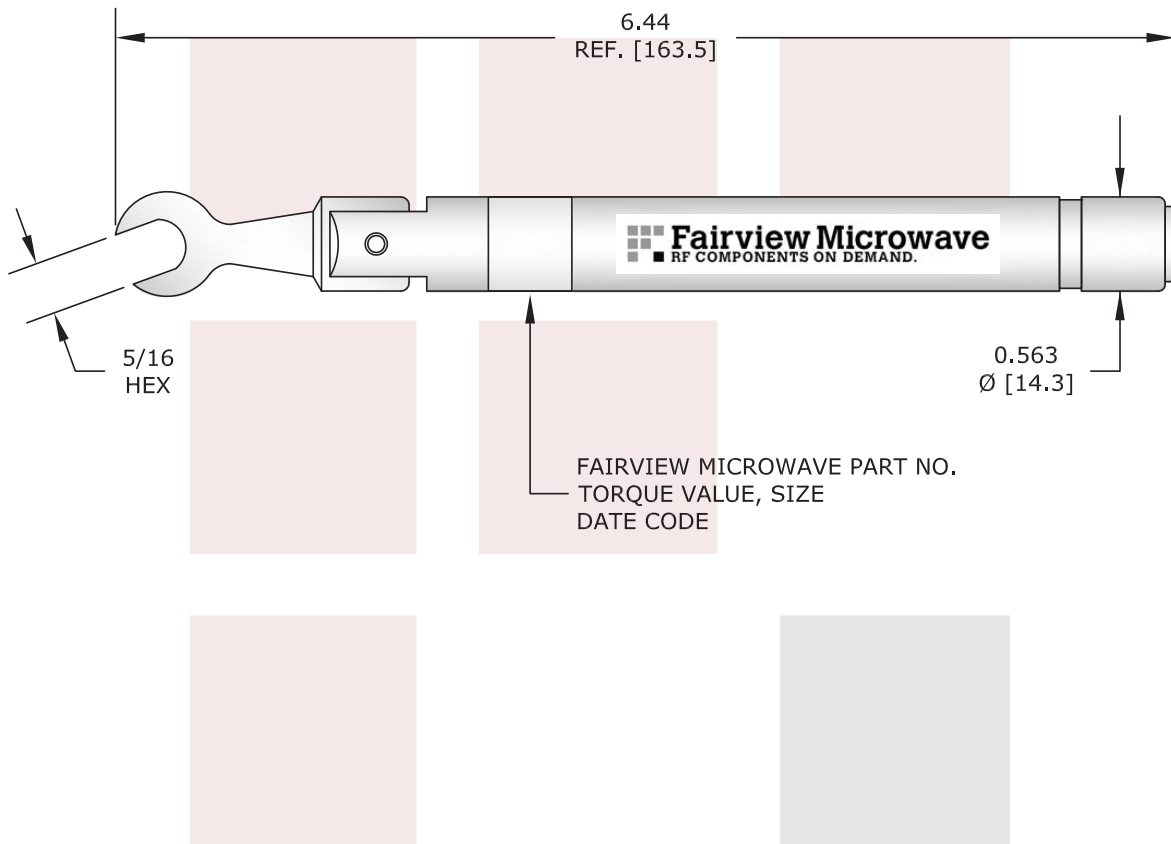
**Features:**

- Designed for continual use
- Torque wrench will "break" at the pivot point once torque value force is achieved
- Designed to prevent over torque
- Each break-over torque wrench comes secured inside a labeled wooden box

**Applications:**

- Attaching Test Cables in Lab Environments
- Final production attachment of product
- Field install and testing applications
- Anytime accurate torque is needed while preventing over-torque

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| STANDARD TOLERANCES |       |
|---------------------|-------|
| .X                  | ±0.2  |
| .XX                 | ±0.1  |
| .XXX                | ±0.05 |

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

|   |        |   |       |                    |             |
|---|--------|---|-------|--------------------|-------------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM                   |        | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |       |                    |             |
| TITLE<br>SMA Fixed Torque Wrench in Break-Over Type 5/16 inch Bit that is Pre-set to 5 in-lbs |        | DWG NO<br>ST-SMA-516-B05A   |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE  | 050217 | SHEET   | SCALE | N/A                | SIZE A 2233 |