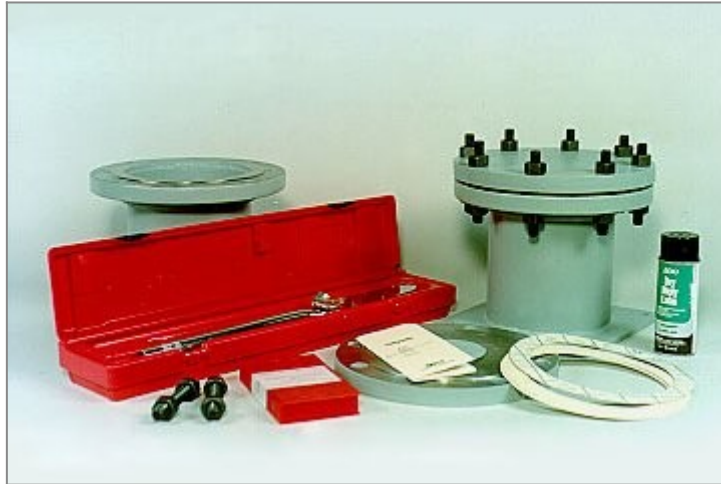


# Flange Bolt Torquing



Model: 226-000

DAC Worldwide's Flange Bolt Torquing (226-000) is a training package that includes a complete assortment of fixtures, tools, accessories, and technical data for training in proper bolt torquing using an eight-bolt pattern. The device, coupled with a comprehensive student manual, creates a complete, self-paced learning system that reflects realistic industrial and commercial applications.

This self-contained, tabletop training system provides for complete, realistic courses in instrumentation control within an economical and space-saving package. Useful within industrial training programs or in an educational setting, the Flange Bolt Torquing will help make this fundamental part of instrumentation maintenance training more memorable and effective.

## **Practice Hands-On Mechanical Instrumentation Skills for Various Applications**

This instrumentation training system utilizes two steel torquing fixtures consisting of an 8" schedule 40 pump, a 150-pound raised face slip-on flange, a 150-pound raised face blind flange, and a 3/8" thick mounting plate. It includes alloy steel, grade B7 studs and nuts, and is provisioned for tabletop mounting. The steel frame provides durability to stand up to frequent use, and to aide learners in becoming better prepared for the tasks they will encounter on the job.

Through the use of a dial-type torque wrench within this training system, final torque values resulting from different torquing methods and degrees of control can be compared. Leverage and over-torquing are clearly witnessed, making assessment more clear to both students and instructors.

In all, the Flange Bolt Torquing features two (2) training fixtures, eight (8) synthetic gaskets of different materials, four (4) flexitallic gaskets, a dial-type torque wrench with socket and plastic case, and other accessories to supplement the learning process.

## **Hands-On Exercises and Learning Activities Lead to Realistic Results**

DAC Worldwide's Flange Bolt Torquing also features exercises and learning activities that focus more on results and less on secondary academic background information. This comprehensive training system offers content in mechanical principles, with individual learning activities provided in a self-paced or instructor-led format.

## Student Training Manual Available to Enhance Learning

A copy of this course's Student Training Manual is available with the training system. The Student Training Manual takes the technical content contained in the learning objectives, and combines it into one perfectly-bound book, with sections that focus on bolted joints, gaskets, and tightening/torque (IPT). If you would like to inquire about purchasing additional Student Training Manuals for your program, please contact your local DAC Worldwide Representative for more information.

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### **FEATURES & SPECIFICATIONS**

- Two (2) steel torquing fixtures consisting of 8" schedule 40 pipe, a 150 lb., raised face slip-on flange, 150 lb., raised face blind flange, and 3/8" thick mounting plate
- Provision, and hardware, for tabletop mounting
- Powder-coated surfaces throughout
- Alloy steel, grade B7 studs and nuts.
- Crating for shipment via motor freight.

**PRODUCT DIMENSIONS** **DISCLAIMER:** *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**  
(L x W x H)  
14in. x 14in. x 16in. (350 x 350 x 400 mm)  
80lbs. (36kg) (each fixture)
- **Shipping Dimensions**  
(L x W x H)  
15in. x 34in. x 24in. (380 x 870 x 610 mm)  
225lbs. (102kg)

### **OPTIONS**

- #540-000 - IPT Industrial Fasteners Training Manual
- #540-001 - IPT Industrial Fasteners Handbook
- #093-001 - CD-ROM, titled, "Gasket and Bolted Flange Connections" (New Standard Institute)
- #226-001 - Dial-type torque wrench (instructor wrench)
- #226-002 - Click-type torque wrench (student wrench)

### **ACCESSORIES**

- Eight (8) synthetic gaskets of different materials
- Three (3) Flexitallic gaskets
- Dial-Type Torque Wrench
- #226-006 - Can of "spray lube"
- Four (4) tally pads for notations regarding results
- #540-000 - Industrial Fasteners Training Manual

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