

# Right Angle Worm Gear Reducer Dissectible



Model: 205-101

DAC Worldwide's Right Angle Worm Gear Reducer Dissectible (205-101) is part of a series of actual industrial gear reducers for use in classroom and laboratory mechanical drives training. Each example has been restored, repainted, and mounted on modular steel baseplates. The dissectible can be mounted on a related bench, workstation, and storage products, and all features have been retained.

Using a steel baseplate and industry-grade aluminum components, the equipment provides a variety of training scenarios to aide learners in becoming better prepared for the tasks they will encounter on the job. This mechanical training system includes restoration of actual industrial gear reducers. Learners will use these components to study topics such as gear trains and ratios, the role of right angle drives, the differences between double-enveloping and double-lead worms, and much more.

This versatile piece of training equipment, combined with the ability to disassemble/reassemble the product, represents a complete course in this fundamental industrial technology, and is useful within industrial training programs, as well as in the educational setting.

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

This Right Angle Worm Gear Reducer Dissectible features a durable, flexible system mount, including a 7-gauge steel baseplate with provisions for tabletop, workstation, and storage rack mounting. The dissectible is covered in a high-durability urethane coating, providing durability to stand up to frequent use. Learners will use these components to practice hands-on skills, such as identifying gear types, troubleshooting complications, and much more.

## **Expand Training with Additional Mechanical Options**

The providing durability to stand up to frequent use is only one of DAC Worldwide's expansive mechanical training products. Additional mechanical dissectibles include a Right-Angle Straight Bevel Gear Reducer Dissectible (205-110), an In-Line Helical Gear Reducer Dissectible (205-130), a Cycloidal Gear Reducer Dissectible (205-170), a Mechanical Speed Variator Dissectible (205-190), and many more!

## **Optional Student Training Manual and Textbook Available**

Copies of this course's Student Training Manual & Textbook are an optional supplement with this mechanical dissectible. Sourced from the Exercises and Learning Activities, the Student Training Manual takes the technical content contained in the learning objectives, and combines it into one perfectly-bound book. The textbook, called *IPT Industrial Trades*, presents clear objectives and performance standards for learners. If you would like to inquire about purchasing additional Student Training Manual or Textbooks for your program, please contact your local DAC Worldwide Representative for more information.

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### **FEATURES & SPECIFICATIONS**

- 7-Gauge, formed-steel baseplate with provision for bench-top, workstation and storage rack mounting.
- Restoration of actual industrial gear reducers.
- Painting, where necessary, using a high-durability urethane coating.
- Replacement hardware, where necessary.
- Crating for shipment via common carrier.

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
Approx. 24in. x 13in. x 14in. (600 x 330 x 360 mm)  
45-150lbs. (20-70kg)
- **Shipping Dimensions**  
Varies, 70 lbs. - 175 lbs. (32 - 80 kg)

### **OPTIONS**

- Recommended #902F - Electromechanical Workstation
- #510-000 - Industrial Trades Manual (IPT)
- #510-001 - Industrial Trades Handbook (IPT)

#### **Address**

DAC Worldwide  
3 Killdeer Court, Suite #301  
Swedesboro, NJ 08085

#### **Contacts**

email: [contact@dacworldwide.com](mailto:contact@dacworldwide.com)  
phone: (800) 662 5877