

## TECHNICAL DATA SHEET

### DESCRIPTION

The D303, Taper-Lock 2G machine is a fully automated threading machine. Taper-Lock 2G is a stronger, faster machine that cuts into rebar forming a proprietary thread that mates to Dayton Superior's Taper-Lock couplers. It is able to thread #4 - #18 rebar to suite any large volume jobs

### APPLICATION

D303, Taper-Lock 2G machine supports our 2 system Taper-Lock connection. Our Taper-Lock couplers accommodates your field needs by eliminating rebar congestion and reduces design time with easy to assembly.

### PRODUCT SPECIFICATION

- Recommended power; 480VAC, 30 amps, 3 phase
- CSA approved
- Table height 39"
- Thread rebar size; #4- #18
- All supporting parts shall be supported by Dayton Superior
- Threads all sizes, grade 60, 80 and 100
- Threads; Epoxy Coated, Galvanized, ChromX, Thermex, Stainless Steel and Plain rebar
- IAPMO Evaluation Report ER-0245



### BENEFITS

- One piece of equipment for different rebar including tooling to thread #4(12mm, 10M) to #18 (57mm, 55M) rebar
- Threads ASTM A615, A706
- Threads 2205 and 2305 Stainless steel
- Threads grade 60, 80 and 100

### HOW TO SPECIFY

D303, Taper-Lock® 2G machine is supported under Dayton Superior Corporation. Taper-Lock® is patent under U.S. Patent and Trademark office under Federal registration.

### TECHNICAL DATA - Machine Rates

| Rebar Size |         | Grade 60      | Grade 80      | Grade 100     |
|------------|---------|---------------|---------------|---------------|
| US         | CAN [M] | Bars Per Hour | Bars Per Hour | Bars Per Hour |
| #4         | 10      | 118           | 102           | 100           |
| #5         | 15      | 111           | 96            | 93            |
| #6         | 20      | 110           | 94            | 91            |
| #7         | --      | 110           | 94            | 91            |
| #8         | 25      | 100           | 91            | 81            |
| #9         | 30      | 92            | 83            | 72            |
| #10        | --      | 84            | 74            | 64            |
| #11        | 35      | 77            | 67            | 57            |
| #12        | 38      | 53            | 53            | 53            |
| #14        | 45      | 62            | 53            | 50            |
| #18        | 55      | 44            | 37            | 35            |

### APPROVALS / COMPLIANCE

- IAPMO UES ER-319
- ACI 318-319 Compliant
- ASTM A1034 Compliant
- CALTRANS Service Splice
- Ministries of Ontario and Quebec
- Army Corp of Engineers

## TECHNICAL DATA SHEET

### RELATED PRODUCTS

- D310 Taper-Lock® Standard Coupler
- D320 Taper-Lock® Transitional Coupler
- D330 Taper-Lock® Positional Coupler
- D340 Taper-Lock® Flange Coupler
- D350 Taper-Lock® End Anchor Disc
- D351 Taper-Lock® End Anchor Disc
- D352 Taper-Lock® Column Connector
- D358 Taper-Lock® Female Bolt Head
- D360 Taper-Lock® Weldable Coupler
- D368 Taper-Lock® Form Saver
- D370 Taper-Lock® Threaded Bar

### HOW TO ORDER

- Please contact the Splicing Director of Business Development: Zach Sayre by email at [ZachSayre@daytonsuperior.com](mailto:ZachSayre@daytonsuperior.com) or by phone at (732) 267-3217.

### ORDERING INFORMATION

#### TAPER-LOCK® - 2G THREADING MACHINE

| Product Code | Description  | Weight     |
|--------------|--------------|------------|
| 135783       | D303 MACHINE | 3500.00 LB |

#### TAPER-LOCK® - 2G THREADING MACHINE - CHASERS

| Product Code | Description  | Weight  |
|--------------|--|---------|
| 129871       | D303 2G TAPER-LOCK CHASER SET 2.0MM                        | 2.50 LB |
| 129872       | D303 2G TAPER-LOCK CHASER SET 2.5MM                        | 2.25 LB |
| 146641       | D303 2G TAPER-LOCK CHASER SET 3.0MM                        | 2.50 LB |
| 146629       | D303 2G TAPER-LOCK CHASER SET 2.0MM (22DEG. FOR STAINLESS) | 1.50 LB |
| 146630       | D303 2G TAPER-LOCK CHASER SET 2.5MM (22DEG. FOR STAINLESS) | 1.50 LB |

### MANUFACTURER

Dayton Superior Corporation  
 1125 Byers Road  
 Miamisburg, OH 45342  
 Customer Service: 888-977-9600  
 Technical Services: 877-266-7732  
 Website: [www.daytonsuperior.com](http://www.daytonsuperior.com)

### WARRANTY (ACCESSORIES)

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.