

# Standard Thread Gages

## WORK PLUGS, RINGS & SET PLUGS

Vermont Gage's Thread Gages inspect the pitch diameter and the functional thread for both internal and external threaded products. All stocked Thread Gages are made to Class X tolerances per ASME B1.2 (Unified Inch screw threads), ASME B18.29.1 (STI Inch Screw Threads) and ASME B1.16M (Metric M series screw threads). All Thread Gages are supplied with a Certificate of Accuracy. Work Plugs are stocked in 2B and 3B (Inch) or 6H (Metric) classes of fit. Rings and Setting Plugs are stocked in 2A and 3A (Inch) or 6g (Metric) classes of fit. Stocked Work Plugs are chrome plated. All Thread Gages are marked with nominal size, threads per inch (Inch) or pitch (Metric), class of fit and pitch diameters. One line of additional marking (up to 25 characters) may be included at no additional cost.

- **Class of fit – Work Plugs 2B, 3B (Inch); 6H (Metric)**
- **Class of fit – Rings and Set Plugs 2A, 3A (Inch), 6g (Metric)**
- **Set Plugs are Class X on PD, W Tolerance on Lead and Flank Angles**
- **NIST traceable**
- **Work plugs, Reversibles and STI gages furnished in Chrome Plated Tool Steel, 70/72 Rc**
- **Thread rings and setting plugs furnished in Tool Steel, 60/62 Rc**
- **Handles custom marked 1 line (up to 25 characters) included, additional text quoted upon request**
- **Inch handles – light blue**
- **Metric handles – yellow**
- **Thread ring holders available on page 107**
- **Certificate of Accuracy included**
- **See page 113 for Calibration Services**



# Standard Thread Gages

| INCH               | Order No. | Order No.   | Price    | Order No.   | Price    | Gage Length |       | Pitch Diameters |       | Handle |
|--------------------|-----------|-------------|----------|-------------|----------|-------------|-------|-----------------|-------|--------|
|                    | Go Member | NoGo Member |          | Go/NoGo Set |          | Go          | NoGo  | Go              | NoGo  | No     |
| <b>0-80 UNF</b>    |           |             |          |             |          |             |       |                 |       |        |
| Taperlock Plug 2B  | 301101010 | 301101020   | \$50.00  | 301101040   | \$113.00 | 1/4"        | 3/16" | .0519           | .0542 | 000    |
| Taperlock Plug 3B  | 301101010 | 301101030   | \$50.00  | 301101050   | \$113.00 | 1/4"        | 3/16" | .0519           | .0536 | 000    |
| Reversible Plug 2B | 311101010 | 311101020   | \$79.00  | 311101040   | \$172.50 | 1/2"        | 1/2"  | .0519           | .0542 | 1W     |
| Reversible Plug 3B | 311101010 | 311101030   | \$79.00  | 311101050   | \$172.50 | 1/2"        | 1/2"  | .0519           | .0536 | 1W     |
| Ring 2A            | 361101010 | 361101030   | \$165.00 | 361101050   | \$330.00 | 3/32"       | 3/32" | .0514           | .0496 | 1T     |
| Ring 3A            | 361101020 | 361101040   | \$165.00 | 361101060   | \$330.00 | 3/32"       | 3/32" | .0519           | .0506 | 1T     |
| Set Plug 2A        | 371101010 | 371101030   | \$98.00  | 371101050   | \$209.00 | 7/32"       | 7/32" | .0514           | .0496 | 000    |
| Set Plug 3A        | 371101020 | 371101040   | \$98.00  | 371101060   | \$209.00 | 7/32"       | 7/32" | .0519           | .0506 | 000    |
| <b>1-64 UNC</b>    |           |             |          |             |          |             |       |                 |       |        |
| Taperlock Plug 2B  | 301102510 | 301102520   | \$50.00  | 301102540   | \$113.00 | 1/4"        | 3/16" | .0629           | .0655 | 000    |
| Taperlock Plug 3B  | 301102510 | 301102530   | \$50.00  | 301102550   | \$113.00 | 1/4"        | 3/16" | .0629           | .0648 | 000    |
| Reversible Plug 2B | 311102510 | 311102520   | \$79.00  | 311102540   | \$172.50 | 1/2"        | 1/2"  | .0629           | .0655 | 1W     |
| Reversible Plug 3B | 311102510 | 311102530   | \$79.00  | 311102550   | \$172.50 | 1/2"        | 1/2"  | .0629           | .0648 | 1W     |
| Ring 2A            | 361102510 | 361102530   | \$152.00 | 361102550   | \$304.00 | 3/32"       | 3/32" | .0623           | .0603 | 1T     |
| Ring 3A            | 361102520 | 361102540   | \$152.00 | 361102560   | \$304.00 | 3/32"       | 3/32" | .0629           | .0614 | 1T     |
| Set Plug 2A        | 371102510 | 371102530   | \$98.00  | 371102550   | \$209.00 | 7/32"       | 7/32" | .0623           | .0603 | 000    |
| Set Plug 3A        | 371102520 | 371102540   | \$98.00  | 371102560   | \$209.00 | 7/32"       | 7/32" | .0629           | .0614 | 000    |
| <b>1-72 UNF</b>    |           |             |          |             |          |             |       |                 |       |        |
| Taperlock Plug 2B  | 301103510 | 301103520   | \$50.00  | 301103540   | \$113.00 | 1/4"        | 3/16" | .0640           | .0665 | 000    |
| Taperlock Plug 3B  | 301103510 | 301103530   | \$50.00  | 301103550   | \$113.00 | 1/4"        | 3/16" | .0640           | .0659 | 000    |
| Reversible Plug 2B | 311103510 | 311103520   | \$79.00  | 311103540   | \$172.50 | 1/2"        | 1/2"  | .0640           | .0665 | 1W     |
| Reversible Plug 3B | 311103510 | 311103530   | \$79.00  | 311103550   | \$172.50 | 1/2"        | 1/2"  | .0640           | .0659 | 1W     |
| Ring 2A            | 361103510 | 361103530   | \$152.00 | 361103550   | \$304.00 | 3/32"       | 3/32" | .0634           | .0615 | 1T     |
| Ring 3A            | 361103520 | 361103540   | \$152.00 | 361103560   | \$304.00 | 3/32"       | 3/32" | .0640           | .0626 | 1T     |
| Set Plug 2A        | 371103510 | 371103530   | \$98.00  | 371103550   | \$209.00 | 7/32"       | 7/32" | .0634           | .0615 | 000    |
| Set Plug 3A        | 371103520 | 371103540   | \$98.00  | 371103560   | \$209.00 | 7/32"       | 7/32" | .0640           | .0626 | 000    |
| <b>2-56 UNC</b>    |           |             |          |             |          |             |       |                 |       |        |
| Taperlock Plug 2B  | 301105010 | 301105020   | \$50.00  | 301105040   | \$113.00 | 1/4"        | 3/16" | .0744           | .0772 | 000    |
| Taperlock Plug 3B  | 301105010 | 301105030   | \$50.00  | 301105050   | \$113.00 | 1/4"        | 3/16" | .0744           | .0765 | 000    |
| Reversible Plug 2B | 311105010 | 311105020   | \$64.00  | 311105040   | \$142.50 | 5/8"        | 5/8"  | .0744           | .0772 | 2W     |
| Reversible Plug 3B | 311105010 | 311105030   | \$64.00  | 311105050   | \$142.50 | 5/8"        | 5/8"  | .0744           | .0765 | 2W     |
| STI Plug 2B        | 321105010 | 321105020   | \$60.00  | 321105040   | \$133.00 | 5/16"       | 7/32" | .0976           | .0996 | 00     |
| STI Plug 3B        | 321105010 | 321105030   | \$60.00  | 321105050   | \$133.00 | 5/16"       | 7/32" | .0976           | .0989 | 00     |
| Ring 2A            | 361105010 | 361105030   | \$121.00 | 361105050   | \$242.00 | 3/32"       | 3/32" | .0738           | .0717 | 1T     |
| Ring 3A            | 361105020 | 361105040   | \$121.00 | 361105060   | \$242.00 | 3/32"       | 3/32" | .0744           | .0728 | 1T     |
| Set Plug 2A        | 371105010 | 371105030   | \$98.00  | 371105050   | \$209.00 | 7/32"       | 7/32" | .0738           | .0717 | 000    |
| Set Plug 3A        | 371105020 | 371105040   | \$98.00  | 371105060   | \$209.00 | 7/32"       | 7/32" | .0744           | .0728 | 000    |
| <b>2-64 UNF</b>    |           |             |          |             |          |             |       |                 |       |        |
| Taperlock Plug 2B  | 301106010 | 301106020   | \$50.00  | 301106040   | \$113.00 | 1/4"        | 3/16" | .0759           | .0786 | 000    |
| Taperlock Plug 3B  | 301106010 | 301106030   | \$50.00  | 301106050   | \$113.00 | 1/4"        | 3/16" | .0759           | .0779 | 000    |
| Reversible Plug 2B | 311106010 | 311106020   | \$64.00  | 311106040   | \$142.50 | 5/8"        | 5/8"  | .0759           | .0786 | 2W     |
| Reversible Plug 3B | 311106010 | 311106030   | \$64.00  | 311106050   | \$142.50 | 5/8"        | 5/8"  | .0759           | .0779 | 2W     |
| Ring 2A            | 361106010 | 361106030   | \$121.00 | 361106050   | \$242.00 | 3/32"       | 3/32" | .0753           | .0733 | 1T     |
| Ring 3A            | 361106020 | 361106040   | \$121.00 | 361106060   | \$242.00 | 3/32"       | 3/32" | .0759           | .0744 | 1T     |
| Set Plug 2A        | 371106010 | 371106030   | \$98.00  | 371106050   | \$209.00 | 7/32"       | 7/32" | .0753           | .0733 | 000    |
| Set Plug 3A        | 371106020 | 371106040   | \$98.00  | 371106060   | \$209.00 | 7/32"       | 7/32" | .0759           | .0744 | 000    |

THREADS