

# Pipe/conduit clamps & hangers



Our beam attachments and pipe supports offered in this section are designed to provide supports without drilling or welding. A complete selection of beam clamps, pipe clamps, rollers, supports and accessories are designed for use with our channels and offer many installation advantages.

## Materials & Finishes\*

Pipe clamps, pipe hangers, beam clamps, brackets, and rollers are made from low carbon steel strips, plates or rod unless noted.

\* Unless otherwise noted.

## Load Data

The load data published includes a safety factor of 5.0 unless noted (safety factor = ratio of ultimate load to the design load).

## Recommended Bolt Torque (unless noted)

\* See chart on page 154 for recommended setscrew torquing.

| Finish Code | Finish                   | Specification                          |
|-------------|--------------------------|----------------------------------------|
| PLN         | Plain                    | ASTM A1011<br>33,000 PSI min. yield    |
| ZN          | Electro-Plated Zinc      | ASTM B633 SC3 Type III<br>or ASTM A653 |
| GRN         | DURA GREEN™              |                                        |
| DCU         | DURA-COPPER™             |                                        |
| HDG         | Hot-Dipped Galvanized    | ASTM A123                              |
| YZN         | Yellow Zinc Chromate     | ASTM B633 SC3 Type II                  |
| SS4         | Stainless Steel Type 304 | ASTM A240                              |
| SS6         | Stainless Steel Type 316 | ASTM A240                              |
| AL          | Aluminum                 | ASTM B209                              |

| Bolt Size | 1/4"-20 | 5/16"-18 | 3/8"-16 | 1/2"-13 |
|-----------|---------|----------|---------|---------|
| Foot/Lbs. | 6       | 11       | 19      | 50      |
| Nm        | 8       | 15       | 26      | 68      |

## Metric

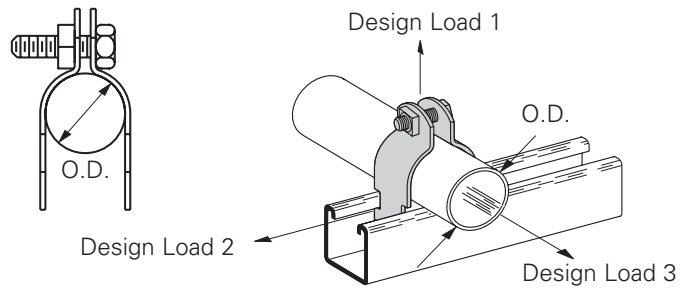
Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.

# Pipe clamps

## B2000 Series

### O.D. Pipe and Conduit Clamps

- Safety Factor of 5
- Add PA to suffix for pre-assembled pipe clamps
- Other sizes available upon request
- Includes combination recess hex head machine screw and square nut.
- Material: 16 Ga. (1.5), 14 Ga. (1.9), 12 Ga. (2.6)  
ASTM A653 33,000 PSI min. yield and 11 Ga. (3.0)  
ASTM A1011HSLA Gr. 50
- Standard finishes: ZN, HDG, SS4



### O.D. Clamps

| Part No. | O.D. Size (in.)<br>In. mm | Hardware Size | Material Gauge Thickness<br>In. mm | Design Load 1 |        | Design Load 2 |       | Design Load 3 |       | Wt./C |        |
|----------|---------------------------|---------------|------------------------------------|---------------|--------|---------------|-------|---------------|-------|-------|--------|
|          |                           |               |                                    | Lbs.          | kN     | Lbs.          | kN    | Lbs.          | kN    | Lbs.  | kg     |
| B2023    | 1/4" (6.3)                | 1/4"-20       | 16 (1.5)                           | 120           | (.54)  | 30            | (.13) | 30            | (.13) | 8     | (3.6)  |
| B2024    | 3/8" (9.5)                | 1/4"-20       | 16 (1.5)                           | 300           | (1.33) | 40            | (.18) | 40            | (.18) | 8     | (3.6)  |
| B2025    | 1/2" (12.7)               | 1/4"-20       | 16 (1.5)                           | 400           | (1.78) | 50            | (.22) | 50            | (.22) | 9     | (4.1)  |
| B2026    | 5/8" (15.9)               | 1/4"-20       | 16 (1.5)                           | 400           | (1.78) | 50            | (.22) | 50            | (.22) | 10    | (4.5)  |
| B2027    | 3/4" (19.0)               | 1/4"-20       | 16 (1.5)                           | 400           | (1.78) | 50            | (.22) | 50            | (.22) | 10    | (4.5)  |
| B2008    | 7/8" (22.2)               | 1/4"-20       | 16 (1.5)                           | 400           | (1.78) | 50            | (.22) | 50            | (.22) | 11    | (5.0)  |
| B2009    | 1" (25.4)                 | 1/4"-20       | 14 (1.9)                           | 500           | (2.22) | 75            | (.33) | 75            | (.33) | 15    | (6.8)  |
| B2030    | 1 1/8" (28.6)             | 1/4"-20       | 14 (1.9)                           | 600           | (2.67) | 75            | (.33) | 75            | (.33) | 15    | (6.8)  |
| B2031    | 1 1/4" (31.7)             | 1/4"-20       | 14 (1.9)                           | 600           | (2.67) | 75            | (.33) | 75            | (.33) | 16    | (7.3)  |
| B2010    | 1 3/8" (34.9)             | 1/4"-20       | 14 (1.9)                           | 600           | (2.67) | 75            | (.33) | 75            | (.33) | 17    | (7.7)  |
| B2004    | 1 1/2" (38.1)             | 1/4"-20       | 14 (1.9)                           | 600           | (2.67) | 75            | (.33) | 75            | (.33) | 18    | (8.2)  |
| B2011    | 1 5/8" (41.3)             | 1/4"-20       | 14 (1.9)                           | 600           | (2.67) | 75            | (.33) | 75            | (.33) | 19    | (8.6)  |
| B2005    | 1 3/4" (44.4)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 29    | (13.1) |
| B2012    | 1 7/8" (47.6)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 30    | (13.6) |
| B2037    | 2" (50.8)                 | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 30    | (13.6) |
| B2038    | 2 1/8" (54.0)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 32    | (14.5) |
| B2039    | 2 1/4" (57.1)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 32    | (14.5) |
| B2013    | 2 3/8" (60.3)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 34    | (15.4) |
| B2041    | 2 1/2" (63.5)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 35    | (15.9) |
| B2042    | 2 5/8" (66.7)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 35    | (15.9) |
| B2043    | 2 3/4" (69.8)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 38    | (17.2) |
| B2014    | 2 7/8" (73.0)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 38    | (17.2) |
| B2045    | 3" (76.2)                 | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 38    | (17.2) |
| B2046    | 3 1/8" (79.4)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 39    | (17.7) |
| B2047    | 3 1/4" (82.5)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 41    | (18.6) |
| B2048    | 3 3/8" (85.7)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 43    | (19.5) |
| B2015    | 3 1/2" (88.9)             | 5/16"-18      | 12 (2.6)                           | 800           | (3.56) | 125           | (.56) | 125           | (.56) | 44    | (20.0) |
| B2050    | 3 5/8" (92.1)             | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 54    | (24.5) |
| B2051    | 3 3/4" (95.2)             | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 57    | (25.8) |
| B2052    | 3 7/8" (91.3)             | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 55    | (25.0) |
| B2016    | 4" (101.6)                | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 57    | (25.8) |
| B2054    | 4 1/8" (104.8)            | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 61    | (27.7) |
| B2055    | 4 1/4" (107.9)            | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 62    | (28.1) |
| B2056    | 4 3/8" (111.1)            | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 64    | (29.0) |
| B2017    | 4 1/2" (114.3)            | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 66    | (29.9) |
| B2058    | 4 5/8" (117.5)            | 5/16"-18      | 11 (3.0)                           | 1000          | (4.45) | 200           | (.89) | 150           | (.67) | 66    | (29.9) |

Reference page 168 for general fitting and standard finish specifications.