

# Reducing Washers, Knockout Blanks, Bushing Pennies, Fixture Stems

## Applications

- Reducing washer: to reduce a knockout or sliphole in a sheet metal enclosure to a smaller trade size.
- Knockout blank: to close a knockout or sliphole in a sheet metal enclosure.
- Bushing penny: used inside a bushing to prevent foreign material from entering the conduit.
- Fixture stems: to suspend fixtures from threaded rods.

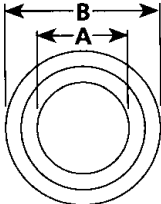
## Material

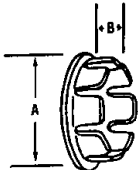
- Washers, blanks and pennies: steel
- Fixture stem: malleable iron

## Certifications and Compliances

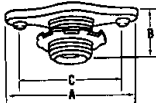
- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14817
- NEMA: FB-1

|                                                                                     |                | Dimensions in Millimeters (Inches) |             |             | Weight per 100<br>kg (lb) | Catalog<br>Number |
|-------------------------------------------------------------------------------------|----------------|------------------------------------|-------------|-------------|---------------------------|-------------------|
| Trade Size<br>(Inches)                                                              |                | A                                  | B           | C           |                           |                   |
| Reducing Washers — Steel                                                            |                |                                    |             |             |                           |                   |
|   | 3/4 to 1/2     | 34.0 (1.34)                        | 22.4 (0.88) | -           | 0.54 (1.20)               | RW75-50           |
|                                                                                     | 1 to 1/2       | 42.9 (1.69)                        | 22.4 (0.88) | -           | 1.09 (2.40)               | RW100-50          |
|                                                                                     | 1 to 3/4       | 42.9 (1.69)                        | 28.2 (1.11) | -           | 0.91 (2.00)               | RW100-75          |
|                                                                                     | 1-1/4 to 1/2   | 51.6 (2.03)                        | 22.4 (0.88) | -           | 2.27 (5.00)               | RW125-50          |
|                                                                                     | 1-1/4 to 3/4   | 51.6 (2.03)                        | 28.2 (1.11) | -           | 1.99 (4.40)               | RW125-75          |
|                                                                                     | 1-1/4 to 1     | 51.6 (2.03)                        | 35.1 (1.38) | -           | 1.36 (3.00)               | RW125-100         |
|                                                                                     | 1-1/2 to 1/2   | 57.9 (2.28)                        | 22.4 (0.88) | -           | 2.99 (6.60)               | RW150-50          |
|                                                                                     | 1-1/2 to 3/4   | 57.9 (2.28)                        | 28.2 (1.11) | -           | 2.72 (6.00)               | RW150-75          |
|                                                                                     | 1-1/2 to 1     | 57.9 (2.28)                        | 35.1 (1.38) | -           | 2.27 (5.00)               | RW150-100         |
|                                                                                     | 1-1/2 to 1-1/4 | 57.9 (2.28)                        | 43.9 (1.73) | -           | 1.81 (4.00)               | RW150-125         |
|                                                                                     | 2 to 1/2       | 69.9 (2.75)                        | 22.4 (0.88) | -           | 4.54 (10.00)              | RW200-50          |
|                                                                                     | 2 to 3/4       | 69.9 (2.75)                        | 28.2 (1.11) | -           | 3.63 (8.00)               | RW200-75          |
|                                                                                     | 2 to 1         | 69.9 (2.75)                        | 35.1 (1.38) | -           | 3.63 (8.00)               | RW200-100         |
|                                                                                     | 2 to 1-1/4     | 69.9 (2.75)                        | 43.9 (1.73) | -           | 3.18 (7.00)               | RW200-125         |
|                                                                                     | 2 to 1-1/2     | 69.9 (2.75)                        | 50.3 (1.98) | -           | 2.27 (5.00)               | RW200-150         |
| Snap-in Knockout Blanks — Steel ①                                                   |                |                                    |             |             |                           |                   |
|  | 1/2            | 26.9 (1.06)                        | 7.9 (0.31)  | -           | 0.45 (1.00)               | S50               |
|                                                                                     | 3/4            | 31.8 (1.25)                        | 7.9 (0.31)  | -           | 0.91 (2.00)               | S75               |
|                                                                                     | 1              | 38.1 (1.50)                        | 8.6 (0.34)  | -           | 1.36 (3.00)               | S100              |
|                                                                                     | 1-1/4          | 46.0 (1.81)                        | 7.9 (0.31)  | -           | 1.45 (3.20)               | S125              |
|                                                                                     | 1-1/2          | 56.4 (2.22)                        | 9.7 (0.38)  | -           | 2.18 (4.80)               | S150              |
|                                                                                     | 2              | 68.3 (2.69)                        | 9.7 (0.38)  | -           | 2.72 (6.00)               | S200              |
| Bushing Pennies — Steel ①                                                           |                |                                    |             |             |                           |                   |
|  | 1/2            | 18.3 (0.72)                        | -           | -           | 0.32 (0.70)               | P50               |
|                                                                                     | 3/4            | 22.4 (0.88)                        | -           | -           | 0.50 (1.10)               | P75               |
|                                                                                     | 1              | 27.7 (1.09)                        | -           | -           | 0.82 (1.80)               | P100              |
|                                                                                     | 1-1/4          | 38.9 (1.53)                        | -           | -           | 1.54 (3.40)               | P125              |
|                                                                                     | 1-1/2          | 43.7 (1.72)                        | -           | -           | 1.81 (4.00)               | P150              |
| Open Type No Bolt Fixture Stems — Malleable Iron                                    |                |                                    |             |             |                           |                   |
|  | 3/8 Male       | 49.3 (1.94)                        | 17.5 (0.69) | 38.1 (1.50) | 3.63 (8.00)               | NBFS-38           |
|                                                                                     | 3/8 Male       | 49.3 (1.94)                        | 17.5 (0.69) | 38.1 (1.50) | 3.63 (8.00)               | NBFS-38M          |
|                                                                                     | 1/8 Female     |                                    |             |             |                           |                   |









① Not UL Listed.

