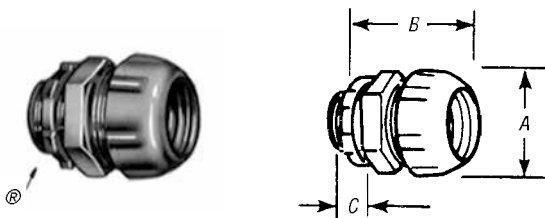


Couplings and Accessories

Split steel ring with diagonal serrations grips conduit and bites in for positive ground!

Threadless Connectors — Nylon Insulated

- Makes a permanent connection
- Eliminates need for cutting a thread on conduit
- Insulation helps ensure continuity of service by protecting the conductor at the critical point — the connector bushing
- Malleable iron construction
- Look for the unique T&B blue color, ensuring the highest quality fitting



| CAT. NO. | | | DIMENSIONS (IN.) | | |
|--------------|------------|--------------|------------------|---------|--------|
| NYLON INSUL. | NON-INSUL. | CONDUIT SIZE | A | B | C |
| 8123 | 8121 | 1/2" | 1 1/32 | 1 1/16 | 1/2 |
| 8223 | 8221 | 3/4" | 1 1/32 | 1 1/4 | 1/2 |
| 8323 | 8321 | 1" | 1 9/32 | 2 | 9/16 |
| 8423 | 8421 | 1 1/4" | 2 3/8 | 2 1/16 | 1 1/16 |
| 8523 | 8521 | 1 1/2" | 2 1/16 | 2 5/8 | 3/4 |
| 8623 | 8621 | 2" | 3 1/4 | 2 13/16 | 2 1/32 |
| 8723-TB | 8721 | 2 1/2" | 4 1/8 | 3 3/16 | 1 1/8 |
| 8823 | 8821 | 3" | 4 7/8 | 4 | 1 1/32 |
| 8853 | 8851 | 3 1/2" | 5 1/2 | 4 7/8 | 1 1/8 |
| 8973 | 8971 | 4" | 6 3/32 | 4 7/8 | 1 1/8 |

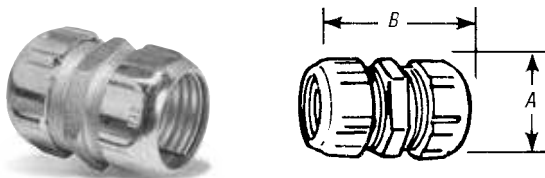
Available with DURA-PLATE® Finish. UL File No. E-23018 CSA File No. 2884

Just tighten with a wrench to make a UL Listed and CSA Certified concrete-tight connection!



Threadless Couplings

- Eliminates need for conduit threading
- Malleable iron construction



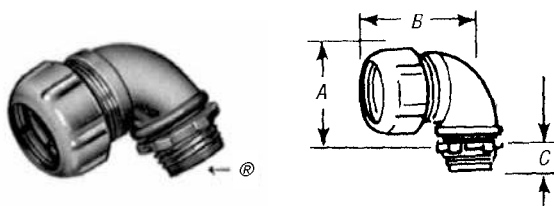
| CAT. NO. | SIZE | DIMENSIONS (IN.) | |
|----------|--------|------------------|---------|
| | | A | B |
| 8120 | 1/2" | 1 1/32 | 2 |
| 8220 | 3/4" | 1 19/32 | 2 5/16 |
| 8320 | 1" | 1 1/8 | 2 11/16 |
| 8420 | 1 1/4" | 2 3/8 | 2 3/16 |
| 8520 | 1 1/2" | 2 5/8 | 3 5/8 |
| 8620 | 2" | 3 1/4 | 3 13/16 |
| 8720 | 2 1/2" | 3 3/16 | 5 3/8 |
| 8820 | 3" | 4 11/16 | 5 1/2 |
| 8850 | 3 1/2" | 5 3/16 | 5 1/2 |
| 8970 | 4" | 5 11/16 | 5 1/2 |

Available with DURA-PLATE® Finish. UL File No. E-23018 CSA File No. 2884

Ideal for entering enclosure or conduit body at right angles!

Threadless Short Elbows — Nylon Insulated

- Eliminates need to thread conduit
- As with straight couplings, makes a concrete-tight connection
- Malleable iron construction



| CAT. NO. | SIZE | DIMENSIONS (IN.) | | |
|----------|------|------------------|---------|--------|
| | | A | B | C |
| 8130 | 1/2" | 1 1/32 | 1 1/2 | 1/2 |
| 8131 | 3/4" | 1 1/8 | 1 3/4 | 9/16 |
| 8132 | 1" | 1 1/8 | 1 11/16 | 1 1/16 |

Available with DURA-PLATE® Finish. UL File No. E-23018 CSA File No. 2884

Couplings and Accessories

Set-Screw Connector/Coupling

(For Threadless Rigid Metal Conduit and Intermediate Metal Conduit)

Application

- To connect and effectively bond threadless rigid metal conduit or intermediate metal conduit to a box or enclosure or to couple ends of threadless conduit

Features

- Thickwall steel or malleable iron body
- Hardened hex head cup point screw to provide high-quality bond
- Screw captivated, will not vibrate loose
- Nylon insulated throat meets and exceeds all code requirements for bushing:
 - Prevents thinning of insulation
 - Reduces installation effort
 - Prevents first thread damage



8125 Series



8124 Series

- Coupling provided with positive center stop
- Suitable for concrete-tight application
- Capable of carrying ground fault currents up to 10,000 amps RMS (1/2" through 1 1/2" size) and 20,000 amps RMS (2" and above sizes)

Standard Finish

Electro Zinc Plated & Chromate Coated

Listings/Compliances

UL (UL File No: E-23018)
 CSA (LR-2884, LR-4484)
 UL 514B
 CSA C22.2 No. 18
 NFPA 70
 NEMA FB1
 Federal Specification A-A-50553
 Federal Standard H-28 (Threads)

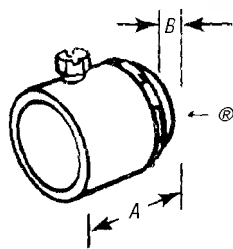
Standard Material

Body 1/2" thru 2" Steel
 2 1/2" thru 4" Malleable Iron
 Locknut 1/2" thru 2" Steel (hardened)
 2 1/2" thru 4" Malleable Iron
 Screw Steel (hardened)
 Insulator Nylon

Eliminates the need for conduit threading!

Insulated Set-Screw Connector

- Captive hex head screws tighten down onto conduit for positive holding strength and ground
- Furnished with insulated throats to reduce wire-pulling effort by as much as 50%
- Approved concrete-tight



8125 Series



| CAT. NO. | CONDUIT SIZE | DIMENSIONS (IN.) | |
|----------|--------------|------------------|--------|
| | | A | B |
| 8125 | 1/2" | 1 3/8 | 1 3/32 |
| 8225 | 3/4" | 1 1/2 | 7/16 |
| 8325 | 1" | 1 7/16 | 35/64 |
| 8425 | 1 1/4" | 2 | 5/8 |
| 8525 | 1 1/2" | 2 5/16 | 5/8 |
| 8625-TB | 2" | 2 1/16 | 1 1/16 |
| 8725-TB | 2 1/2" | 3 3/8 | 1 |
| 8825 | 3" | 3 7/16 | 1 |
| 8855 | 3 1/2" | 3 5/8 | 1 1/16 |
| 8975 | 4" | 4 3/16 | 1 1/8 |

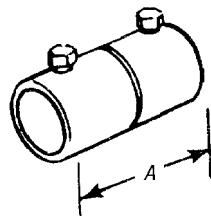
Sizes 1/2"-2" made of steel. Sizes 2 1/2"-4" are malleable iron. Available with DURAPLATE® Finish.

UL File No. E-23018 CSA File No. 2884

No need to thread conduit ends when joining rigid conduit!

Set-Screw Coupling

- Captive hex head screws provide positive holding strength and ground continuity
- Approved concrete-tight



8124 Series



| CAT. NO. | CONDUIT SIZE | DIMENSION (IN.) |
|----------|--------------|-----------------|
| | | A |
| 8124 | 1/2" | 2 1/2 |
| 8224 | 3/4" | 2 1/16 |
| 8324-TB | 1" | 2 27/32 |
| 8424 | 1 1/4" | 3 |
| 8524 | 1 1/2" | 3 3/8 |
| 8624 | 2" | 3 3/8 |
| 8724 | 2 1/2" | 3 3/8 |
| 8824-TB | 3" | 4 1/4 |
| 8854 | 3 1/2" | 4 15/16 |
| 8974 | 4" | 5 3/8 |

Sizes 1/2"-2" made of steel; sizes 2 1/2"-4" are malleable iron. Available with DURAPLATE® Finish.

UL File No. E-23018 CSA File No. 2884

www.tnb.com

United States
 Tel: 901.252.8000
 800.816.7809
 Fax: 901.252.1354

Technical Services
 Tel: 888.862.3289

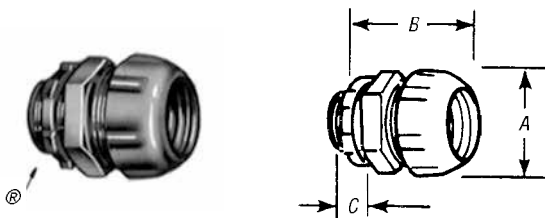
Thomas & Betts

Couplings and Accessories

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| CAT. NO. | | | DIMENSIONS (IN.) | | |
|--------------|------------|--------------|------------------|---------|--------|
| NYLON INSUL. | NON-INSUL. | CONDUIT SIZE | A | B | C |
| 8123 | 8121 | 1/2" | 1 1/32 | 1 1/16 | 1/2 |
| 8223 | 8221 | 3/4" | 1 1/32 | 1 1/4 | 1/2 |
| 8323 | 8321 | 1" | 1 9/32 | 2 | 9/16 |
| 8423 | 8421 | 1 1/4" | 2 3/8 | 2 1/16 | 1 1/16 |
| 8523 | 8521 | 1 1/2" | 2 1/16 | 2 5/8 | 3/4 |
| 8623 | 8621 | 2" | 3 1/4 | 2 13/16 | 2 1/32 |
| 8723-TB | 8721 | 2 1/2" | 4 1/8 | 3 3/16 | 1 1/8 |
| 8823 | 8821 | 3" | 4 7/8 | 4 | 1 1/32 |
| 8853 | 8851 | 3 1/2" | 5 1/2 | 4 7/8 | 1 1/8 |
| 8973 | 8971 | 4" | 6 3/32 | 4 7/8 | 1 1/8 |

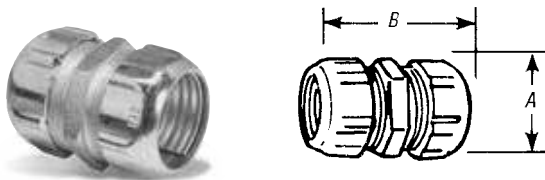
Available with DURA-PLATE® Finish. UL File No. E-23018 CSA File No. 2884

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Threadless Couplings

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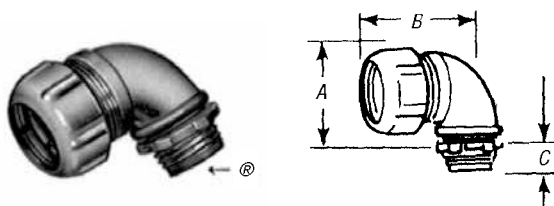
| CAT. NO. | SIZE | DIMENSIONS (IN.) | |
|----------|--------|------------------|---------|
| | | A | B |
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| 8220 | 3/4" | 1 19/32 | 2 5/16 |
| 8320 | 1" | 1 1/8 | 2 11/16 |
| 8420 | 1 1/4" | 2 3/8 | 2 3/16 |
| 8520 | 1 1/2" | 2 5/8 | 3 5/8 |
| 8620 | 2" | 3 1/4 | 3 13/16 |
| 8720 | 2 1/2" | 3 3/16 | 5 3/8 |
| 8820 | 3" | 4 11/16 | 5 1/2 |
| 8850 | 3 1/2" | 5 3/16 | 5 1/2 |
| 8970 | 4" | 5 11/16 | 5 1/2 |

Available with DURA-PLATE® Finish. UL File No. E-23018 CSA File No. 2884

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| CAT. NO. | SIZE | DIMENSIONS (IN.) | | |
|----------|------|------------------|---------|--------|
| | | A | B | C |
| 8130 | 1/2" | 1 1/32 | 1 1/2 | 1/2 |
| 8131 | 3/4" | 1 1/8 | 1 3/4 | 9/16 |
| 8132 | 1" | 1 1/8 | 1 11/16 | 1 1/16 |

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- Screw captivated, will not vibrate loose
- Nylon insulated throat meets and exceeds all code requirements for bushing:
 - Prevents thinning of insulation
 - Reduces installation effort
 - Prevents first thread damage



- Coupling provided with positive center stop
- Suitable for concrete-tight application
- Capable of carrying ground fault currents up to 10,000 amps RMS (½" through 1½" size) and 20,000 amps RMS (2" and above sizes)

Standard Finish

Electro Zinc Plated & Chromate Coated

Listings/Compliances

UL (UL File No: E-23018)
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 UL 514B
 CSA C22.2 No. 18
 NFPA 70
 NEMA FB1
 Federal Specification A-A-50553
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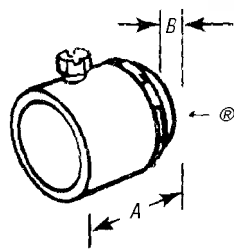
Standard Material

Body ½" thru 2" Steel
 2½" thru 4" Malleable Iron
 Locknut..... ½" thru 2" Steel (hardened)
 2½" thru 4" Malleable Iron
 Screw Steel (hardened)
 Insulator..... Nylon

Eliminates the need for conduit threading!

Insulated Set-Screw Connector

- Captive hex head screws tighten down onto conduit for positive holding strength and ground
- Furnished with insulated throats to reduce wire-pulling effort by as much as 50%
- Approved concrete-tight



8125 Series



| CAT. NO. | CONDUIT SIZE | DIMENSIONS (IN.) | |
|----------|--------------|------------------|-------|
| | | A | B |
| 8125 | ½" | 1¾ | 1⅜ |
| 8225 | ¾" | 1½ | 7/16 |
| 8325 | 1" | 1⅞ | 35/64 |
| 8425 | 1¼" | 2 | 5/8 |
| 8525 | 1½" | 2⅞ | 5/8 |
| 8625-TB | 2" | 2⅞ | 1⅞ |
| 8725-TB | 2½" | 3⅞ | 1 |
| 8825 | 3" | 3⅞ | 1 |
| 8855 | 3½" | 3⅞ | 1⅞ |
| 8975 | 4" | 4⅞ | 1⅞ |

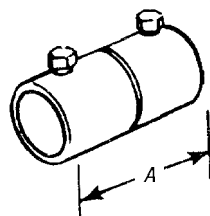
Sizes ½"–2" made of steel. Sizes 2½"–4" are malleable iron.
 Available with DURA-PLATE® Finish.

UL File No. E-23018 CSA File No. 2884

No need to thread conduit ends when joining rigid conduit!

Set-Screw Coupling

- Captive hex head screws provide positive holding strength and ground continuity
- Approved concrete-tight



8124 Series



| CAT. NO. | CONDUIT SIZE | DIMENSION (IN.) |
|----------|--------------|-----------------|
| | | A |
| 8124 | ½" | 2½ |
| 8224 | ¾" | 2⅞ |
| 8324-TB | 1" | 2⅞ |
| 8424 | 1¼" | 3 |
| 8524 | 1½" | 3⅞ |
| 8624 | 2" | 3⅞ |
| 8724 | 2½" | 3⅞ |
| 8824-TB | 3" | 4¼ |
| 8854 | 3½" | 4⅞ |
| 8974 | 4" | 5⅞ |

Sizes ½"–2" made of steel; sizes 2½"–4" are malleable iron.
 Available with DURA-PLATE® Finish.

UL File No. E-23018 CSA File No. 2884