

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

- 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 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



8125 Series

Standard Finish

Electro Zinc Plated & Chromate Coated

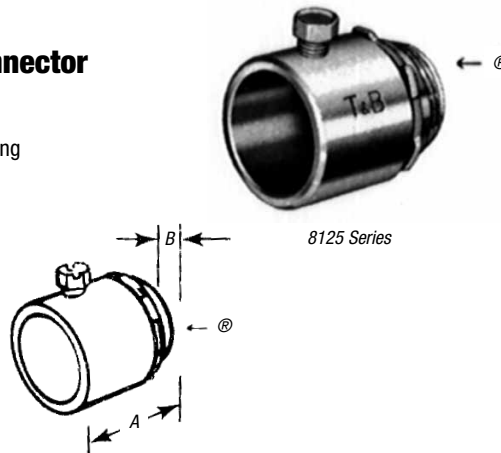
Listings/Compliances

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)

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"	1⅜	1⅜
8225	¾"	1½	7/16
8325	1"	1⅞	3/8
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.

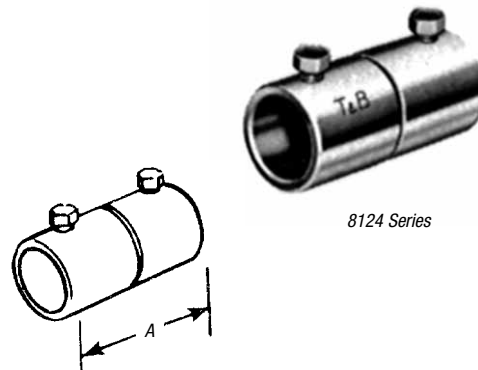
Available with DURA-PLATE® Finish.

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.

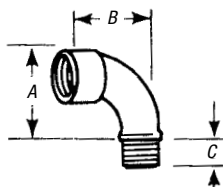
UL File No. E-23018 CSA File No. 2884

Couplings and Accessories

Smoothly rounded shoulders protect conductor insulation!

Bushed Elbows

- Non-insulated
- Malleable iron construction



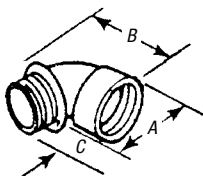
CAT. NO.	SIZE	DIMENSIONS (IN.)		
		A	B	C
460-TB	1/2"	1 1/8	1 13/16	5/8
461TB	3/4"	1 1/2	2 1/4	5/8
462	1"	1 13/16	2 11/16	3/4
463	1 1/4"	2 1/4	3 1/8	3/4

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

Integral insulation ensures a smooth bushing in every fitting!

Short Elbows — Nylon Insulated

- Malleable iron construction



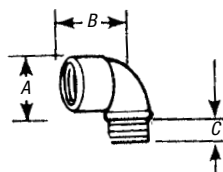
CAT. NO.	SIZE	DIMENSIONS (IN.)		
		A	B	C
4290	1/2"	1 1/32	1 1/4	1/2
4291	3/4"	1 1/16	1 5/16	9/16
4292	1"	1 23/32	1 9/16	1 1/16
4293	1 1/4"	2 7/32	2 1/16	1 3/16
4294	1 1/2"	2 15/32	2 3/16	1 3/16
4295	2"	3	2 9/16	1 3/16

Available with DURA-PLATE® Finish. Not UL or CSA.

For non-insulated applications.

Short Elbows

- Malleable iron construction

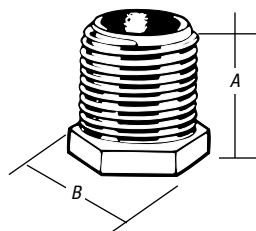


CAT. NO.	SIZE	DIMENSIONS (IN.)		
		A	B	C
4250	1/2"	1 5/16	1 1/4	7/16
4251	3/4"	1 17/32	1 9/16	1/2
4252	1"	1 13/16	1 9/16	5/8
4253	1 1/4"	2 7/32	2 1/16	1 1/16
4254	1 1/2"	2 9/16	2 3/16	1 1/16
4255	2"	3 3/32	2 9/16	1 1/16

Available with DURA-PLATE® Finish. U.L. File #E-23018 CSA File No. 589

Conduit Nipples

- Die-cast zinc
- 1" long

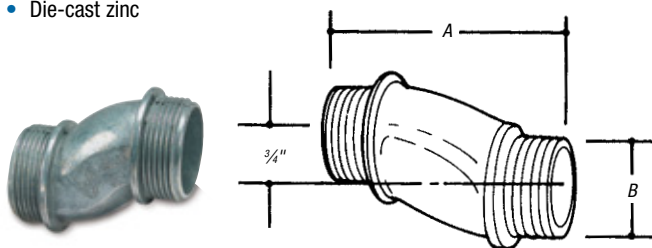


CAT. NO.	SIZE	DIMENSIONS (IN.)	
		A	B
HA-211	1/2"	1"	15/16"
HA-212	3/4"	1"	1 3/16"
HA-213	1"	1"	1 7/16"

UL File No. E-1275 1/2" & 3/4" only

Offset Nipples

- Die-cast zinc



CAT. NO.	SIZE	DIMENSIONS (IN.)	
		A	B
HO-221	1/2"	2.60"	1.00"
HO-222	3/4"	2.62"	1.32"
HO-223	1"	2.68"	1.51"
HO-224	1 1/4"	2.85"	1.85"
HO-225	1 1/2"	2.88"	2.08"
HO-226	2"	3.19"	2.71"

3/4" offset

UL File No. E-1275