

Rigid and Intermediate Metal Conduit Fittings



Set-Screw Connector/Coupling

(For Threadless Rigid Metal Conduit and Intermediate Metal Conduit)



8125 Series



8124 Series

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 ($\frac{1}{2}$ " through $1\frac{1}{2}$ " size) and 20,000 amps RMS (2" and above sizes).

Standard Material

Body	$\frac{1}{2}$ " thru 2" Steel 2 $\frac{1}{2}$ " thru 4" Malleable Iron
Locknut	$\frac{1}{2}$ " thru 2" Steel (hardened) 2 $\frac{1}{2}$ " thru 4" Malleable Iron
Screw	Steel (hardened)
Insulator	Nylon

Standard Finish

Electro Zinc Plated & Chromate Coated

Listings/Compliances

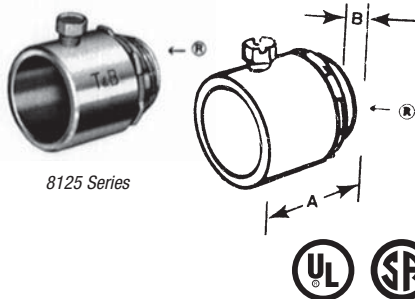
UL (UL File No: E-23018)
CSA (LR-2884, LR-4484)
UL 514B
CSA C22.2 No. 18
NFPA 70
NEMA FB1
Federal Specification A-A-50553
Federal Standard H-28 (Threads)

T&B Fittings

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



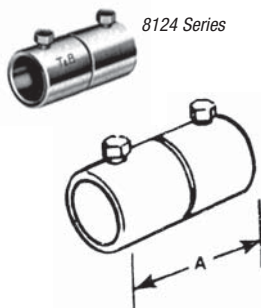
CAT. NO.	CONDUIT SIZE	DIMENSIONS (IN.)	
		A	B
8125	$\frac{1}{2}$ "	1 $\frac{3}{8}$	$\frac{13}{32}$
8225	$\frac{3}{4}$ "	1 $\frac{1}{2}$	$\frac{7}{16}$
8325	1"	1 $\frac{3}{8}$	$\frac{5}{16}$
8425	1 $\frac{1}{4}$ "	2	$\frac{5}{8}$
8525	1 $\frac{1}{2}$ "	2 $\frac{3}{8}$	$\frac{5}{8}$
8625-TB	2"	2 $\frac{1}{8}$	1 $\frac{1}{8}$
8725-TB	2 $\frac{1}{2}$ "	3 $\frac{3}{8}$	1
8825	3"	3 $\frac{3}{8}$	1
8855	3 $\frac{1}{2}$ "	3 $\frac{3}{8}$	1 $\frac{1}{8}$
8975	4"	4 $\frac{3}{8}$	1 $\frac{1}{8}$

Sizes $\frac{1}{2}$ "–2" made of steel. Sizes 2 $\frac{1}{2}$ "–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	$\frac{1}{2}$ "	2 $\frac{1}{8}$
8224	$\frac{3}{4}$ "	2 $\frac{1}{16}$
8324-TB	1"	2 $\frac{7}{32}$
8424	1 $\frac{1}{4}$ "	3
8524	1 $\frac{1}{2}$ "	3 $\frac{3}{8}$
8624	2"	3 $\frac{3}{8}$
8724	2 $\frac{1}{2}$ "	3 $\frac{3}{8}$
8824-TB	3"	4 $\frac{1}{4}$
8854	3 $\frac{1}{2}$ "	4 $\frac{5}{16}$
8974	4"	5 $\frac{1}{8}$

Sizes $\frac{1}{2}$ "–2" made of steel; sizes 2 $\frac{1}{2}$ "–4" are malleable iron.
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UL File No. E-23018 CSA File No. 2884