

Overview

Steel City® fittings

01 Dependable pipe stop

Strong, thick protrusion that does not exceed thickness of EMT. Keeps forcefully inserted conduit from breaking through the opposite side of the coupling, while not interfering with the pulling of conductors

02 Heavy-duty thick steel body/glands with continuous threading

True hexagonal shape. The non-circular design has actual flats for gripping power using hand or tool force

03 Extra-thick electro-plated zinc finish

Ensures corrosion resistance while the clear chromate coating gives the fittings their quality shine and luster

04 Superior quality and design

Strict tolerances throughout fitting ensures a straight conduit run with no sagging over extreme lengths. Chamfered entry provides lead-in for conduit insertion

05 Dependable pipe stop

360° groove traveling the circumference ensures that conduit forcefully inserted won't break through to the opposite side of the fitting. Also, it does not exceed thickness of EMT and prevents interference with pulling conductors

06 Extra-large head tri-drive set screw

Accommodates Phillips, slotted and square drives

Enhanced locknut construction

Heavy-duty turned sharp teeth, double-threaded

Steel City® conduit fittings provide long-lasting service in commercial, industrial and residential construction. Our fittings are manufactured within strict tolerances to maintain consistent performance. Installers can be assured that every fitting with the Steel City® name will work every time. So when you select Steel City® Conduit Fittings, that means fewer headaches and call-backs.

Steel City® products symbolize the highest quality standards in manufacturing and innovative design, with one of the most complete offerings available. Contact an ABB distributor nearest you to select the right Steel City® product for your requirements.



Advantages of Steel City® conduit fittings

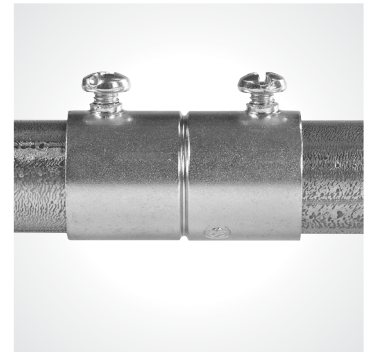
Compression fittings



01



02



03

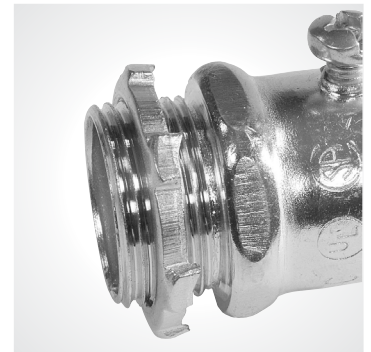
Couplings and connectors



04



05



06

Overview

Here's how the Steel City® catalog number system works

Easy-to-identify alphabetical prefixes:

BG – Bushings, grounding
BI – Bushings, insulated
BL – Blanks
BR – Rigid spacer
BS – Box spacer
BT – Thinwall spacer
BU – Bushings
CB – Clamp back
CP – Cable protector
EK – 3-piece coupling
FA – Fire alarm
GA – Ground clamp (armored ground wire)
GC – Ground clamp
H – Hub
HA – Heavywall adapter
HC – Heavywall connector
HK – Heavywall coupling
HL – Heavywall elbow
HO – Heavywall offset
HS – Heavywall strap
LG – Locknut, grounding
LN – Locknut
LT – Liquidtight
NC – Non-metallic sheathed cable connector
NS – Non-metallic sheathed cable strap
RB – Reducing bushings
RT – Raintight
SH – Service entrance fitting
SL – Service Ells
SR – Sealing rings
SS – Stainless steel
LS – Locknut, sealing
TC – Thinwall connectors
TK – Thinwall couplings
TL – Thinwall elbow
TO – Thinwall offset
TS – Thinwall strap
TX – Thinwall to flexible metallic conduit fitting
UC – Utility connector
RB – Reducing bushings

USA – Made in USA
WA – Washer
XC – Armored cable or flexible metallic conduit connector
XX – Armored cable or flexible metallic conduit coupling

1st digit – material

1 = Steel
2 = Die cast
3 = Combination steel and die cast
4 = Malleable
5 = Plastic
6 = Aluminum
7 = Steel insulated
8 = Die Cast insulated
9 = Malleable insulated

2nd digit – method

1 = Compression
2 = Set screw
3 = Other

3rd/4th digit – size

0 = $\frac{3}{8}$ "
1 = $\frac{1}{2}$ "
2 = $\frac{3}{4}$ "
3 = 1"
4 = $1\frac{1}{4}$ "
5 = $1\frac{1}{2}$ "
6 = 2"
7 = $2\frac{1}{2}$ "
8 = 3"
9 = $3\frac{1}{2}$ "
10 = 4"
11 = 5"
12 = 6"

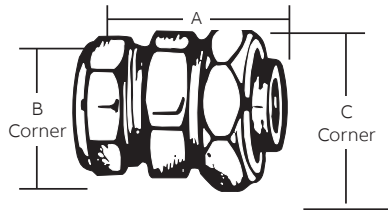
A few examples of the three-digit identification system for thinwall fittings are:

TK-111A: = $\frac{1}{2}$ " steel, compression-type coupling
TC-714A: = $1\frac{1}{4}$ " steel, compression-type coupling
TC-822SC: = $\frac{3}{4}$ " die-cast, insulated, set-screw type connector



Electrical metallic tubing (EMT) fittings

Combination compression couplings

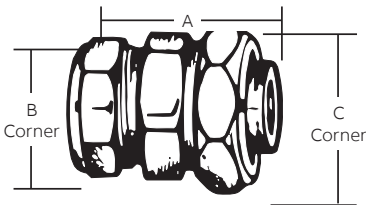


Features and benefits:

- Raintight

Combination compression couplings – Heavywall to Liquidtight flexible metal conduit – steel – zinc plated

Cat. No.	Conduit Size (in.)	Dimensions (in.)			Std. Ctn.
		A	B	C	
LTH 111	½ rigid to ½ liquidtight	1⅞	1⅞	1⅞	100



Features and benefits:

- Raintight

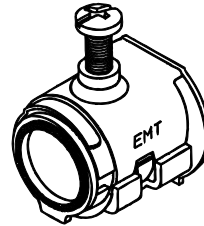
Combination compression couplings – Thinwall to Liquidtight flexible metal conduit – steel – zinc plated

Cat. No.	Conduit Size (in.)	Dimensions (in.)			Std. Ctn.
		A	B	C	
LTT 111	½ EMT to ½ liquidtight	1¾	1⅝	1⅞	100
LTT-112	¾ EMT to ¾ liquidtight	1¾	1⅞	1⅞	50
LTT-113	1 EMT to 1 liquidtight	1⅝	1½	1¾	25

EMT LOK conduit connector

Features and benefits:

- Simple, one-piece installation with no locknuts
- Available in insulated or non-insulated throat
- Screw designed for exceptional pullout resistance
- Captive screw ensures that the screw is intact for installation and resists backing out after installation
- Corrosion-resistant, zinc-chromatic plating
- Positive grounding
- Vibration-resistant screw design
- UL Listed and CSA certified



EMT LOK conduit connector – steel



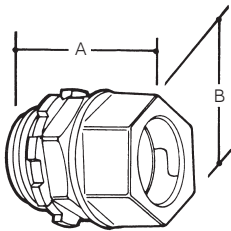
Cat. No.	Description	Std. Ctn.
TC101-SC	½" Uninsulated	500
TC-102-SC	¾" Uninsulated	250
TC-701-SC	½" Insulated	500
TC-702-SC	¾" Insulated	250

UL Listing No. E16592, CSA Listing No. LR-12798.

Installation using either slotted or Phillips screwdriver head, 35-in.-lb. of torque onto the EMT.

Note: Excessive torque could damage EMT or housing.

Compression connectors, couplings & capped corner couplings



Features and benefits:

- ½"-4" Concrete tight

Compression connectors – die-cast zinc

Cat. No.	Conduit Size (in.)	Dimensions (in.)		Std. Ctn.
		A	B	
Non-insulated				
TC-211-SC	1/2	1 1/4	1	500
TC-212-SC	3/4	1 11/32	1 5/32	250
TC-213-SC	1	1 29/64	1 15/32	200
TC-214-SC	1 1/4	1 13/16	1 27/32	100
TC-215-SC	1 1/2	1 7/8	2 1/16	40
TC-216-SC	2	2 5/32	2 17/32	20
TC-217-SC	2 1/2	2 45/64	3 1/4	12
TC-218-SC	3	2 7/8	3 15/16	12
TC-219-SC	3 1/2	2 47/64	4 7/16	10
TC-2110-SC	4	2 13/16	4 15/16	6

UL File No. E-16592 – ½"-4".

CSA File No. LR-12798 – ½"-2".

Cat. No.	Conduit Size (in.)	Dimensions (in.)		Std. Ctn.
		A	B	
Insulated				
TC-811-SC	1/2	1 ²³ /64	6 ³ /64	500
TC-812-SC	3/4	1 ¹⁵ /32	1 ⁵ /16	250
TC-813-SC	1	1 ³⁵ /64	1 ¹⁵ /32	200
TC-814-SC	1 1/4	1 ²⁹ /32	1 ²⁷ /32	100
TC-815-SC	1 1/2	1 ³¹ /32	2 ¹ /16	40
TC-816-SC	2	2 ¹ /4	2 ¹⁷ /32	20
TC-817-SC	2 1/2	2 ²⁵ /32	3 ¹ /4	12
TC-818-SC	3	2 ³¹ /32	3 ¹⁵ /16	12
TC-819-SC	3 1/2	2 ²⁷ /32	4 ⁷ /16	10
TC-8110-SC	4	2 ²⁹ /32	4 ¹⁵ /16	6

