AMERICAN FITTINGS Corporation

Liquid Tight Straight Fitting

Size Range: 3/8" - 4" **Product Series: STR Seal Tight Fitting Reuseable** For Use with: Type A Conduits *** Material: Solid Alloy Steel Construction AL and SS Options

Zinc Plated with a Chromate Finish ** Made in the USA

Full FLAT HEX Surface with EZ Torque Steel Compression Nuts **Torques Tight & Right**

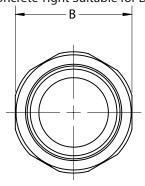
Features:

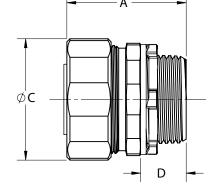
Twice the Strength and Durability of ALL Die Cast and Malleable Products

Precision Machined Cut Threads NPT

Furnished with Steel Locknut and Sealing Washer Extra Long Ferrule Engages Conduit Provides Exceptional Retention & Bend Radius

UL Rated Concrete Tight Suitable for Direct Burial







Shown with Optional Bushing

Cat # *	Trade Size	A Length	th B C Hex Diameter		D Thread Length	Wt. Per/C
STR38	3/8"	1-3/8"	1-1/16"	1-1/8"	5/8"	12
STR50	1/2"	1-3/16"	1-1/8"	1-3/16"	5/8"	13
STR75	3/4"	1-7/16"	1-3/8"	1-7/16"	5/8"	17
STR100	1"	1-3/4"	1-11/16"	1-3/4"	11/16"	26
STR125	1-1/4"	2-3/16"	2-1/16"	2-3/16"	11/16"	46
STR150	1-1/2"	2-3/8"	2-5/16"	2-3/8"	3/4"	59
STR200	2"	2-7/8"	2-3/4"	2-7/8"	3/4"	84
STR250	2-1/2"	3-7/16"	3-1/4"	3-7/16"	1-1/8"	147
STR300	3"	4"	3-15/16"	4"	1-1/8"	174
STR350	3-1/2"	4-9/16"	4-7/16"	4-9/16"	1-1/8"	219
STR400	4"	5-1/8"	4-15/16"	5-1/8"	1-1/8"	256

Add suffix "B" for insulated throat

Compliances:

UL 514 B, 467

NEMA Standard FB1 Rated NEMA Types 2, 3, 3R, 3, 4X, 5, 12, 13

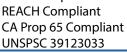
Rated Type A Conduits Including; LNFC, LMFC, and LSCH *** NEC: Class I, Division 2

Class II, Divisions 1 and 2; Class III, Divisions 1 and 2

Federal Standards A-A-50553, A-A-50552

UL Rated for Wet Locations Guaranteed to Seal Out Liquids, Contaminants & Ingress of Other Fluids Suitable for Direct Burial Rated for temperature ranges -49°F to + 221°F (-45°C to +105°C). CSA Standard: C22.2 No. 18F

RoHS Compliant **REACH Compliant**





Available Options:

- ** Material Options: ALUMINUM Copper Free Add Suffix "AL" to Cat #; STAINLESS - Avail Sizes- 1/2" to 1" Add Suffix "SST" to Cat #
- ** Insulated Throat Bushing 105°c UL Rating Factory Installed Bushing - Add Suffix "B" to Above Cat #

Configurations: 90° and 45°

Transition Fittings - Adapters to Convert EMT to Liquid Tight, Right Conduit to Liquid Tight Options of:

- Grounding Lugs AL amd CU
- Wire Mesh Strain Relief
- ** Galvanized Plating Option Available
- *** STR Series is NOT Rated nor Recommended for Type B Conduit See our NMLT Series



Industrial SPEC-grade



Rev. 01-2024

AMERICAN FITTINGS Corporation

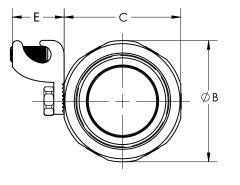
Liquid Tight Straight Fitting w/Lug

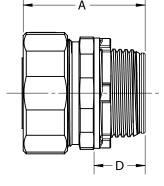
Size Range: 3/8" - 4" Product Series: STRGL Seal Tight Fitting Reuseable with AL Ground Lug*** For Use with: Type A Conduit **** Material: Solid Alloy Steel Construction AL and SS Options

Zinc Plated with a Chromate Finish ** *Made in the USA*

Features:

Precision Machined Cut Threads NPT Furnished with Steel Locknut and Sealing Washer Extra Long Ferrule Engages Conduit Provides Exceptional Retention & Bend Radius UL Rated Concrete Tight Suitable for Direct Burial







Shown with Optional Bushing

Trade Size	A Length	B Diameter	C Hex	D Thread Length	E Lug Height			Wt. Per/C
3/8"	1-3/8"	1-1/16"	1-1/8"	5/8"	3/4"	14	4	14
1/2"	1-3/16"	1-1/8"	1-3/16"	5/8"	3/4"	14	4	15
3/4"	1-7/16"	1-3/8"	1-7/16"	5/8"	3/4"	14	4	19
1"	1-3/4"	1-11/16"	1-3/4"	11/16"	3/4"	14	4	28
1-1/4"	2-3/16"	2-1/16"	2-3/16"	11/16"	3/4"	14	4	48
1-1/2"	2-3/8"	2-5/16"	2-3/8"	3/4"	3/4"	14	4	61
2"	2-7/8"	2-3/4"	2-7/8"	3/4"	3/4"	14	4	86
2-12"	3-7/16"	3-1/4"	3-7/16"	1-1/8"	1-1/8"	8	1/0	157
3"	4''	3-15/16"	4''	1-1/8"	1-1/8"	8	1/0	184
3-1/2"	4-9/16"	4-7/16"	4-9/16"	1-1/8"	1-11/16"	6	250MCM	239
4''	5-1/8"	4-15/16"	5-1/8"	1-1/8"	1-11/16"	6	250MCM	276
	Size 3/8" 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-12" 3" 3-1/2"	Size Length 3/8" 1-3/8" 1/2" 1-3/16" 3/4" 1-7/16" 1" 1-3/4" 1-1/4" 2-3/16" 1-1/2" 2-3/8" 2" 2-7/8" 2-12" 3-7/16" 3" 4" 3-1/2" 4-9/16"	Size Length Diameter 3/8" 1-3/8" 1-1/16" 1/2" 1-3/16" 1-1/8" 3/4" 1-7/16" 1-3/8" 1" 1-3/4" 1-11/16" 1-1/4" 2-3/16" 2-1/16" 1-1/2" 2-3/8" 2-5/16" 2" 2-7/8" 2-3/4" 2-12" 3-7/16" 3-1/4" 3" 4" 3-15/16" 3-1/2" 4-9/16" 4-7/16"	Size Length Diameter Hex 3/8" 1-3/8" 1-1/16" 1-1/8" 1/2" 1-3/16" 1-1/8" 1-3/16" 3/4" 1-7/16" 1-3/8" 1-7/16" 3/4" 1-7/16" 1-3/8" 1-7/16" 1" 1-3/4" 1-11/16" 1-3/4" 1-1/4" 2-3/16" 2-1/16" 2-3/16" 1-1/2" 2-3/8" 2-5/16" 2-3/8" 2" 2-7/8" 2-3/4" 2-7/8" 2-12" 3-7/16" 3-1/4" 3-7/16" 3" 4" 3-15/16" 4" 3-1/2" 4-9/16" 4-7/16" 4-9/16"	Irade Size A Length B Diameter C Hex Thread Length 3/8" 1-3/8" 1-1/16" 1-1/8" 5/8" 1/2" 1-3/16" 1-1/8" 1-3/16" 5/8" 3/4" 1-7/16" 1-3/8" 1-7/16" 5/8" 1" 1-3/16" 1-3/8" 1-7/16" 5/8" 1" 1-3/4" 1-11/16" 1-3/4" 11/16" 1-1/4" 2-3/16" 2-1/16" 2-3/16" 11/16" 1-1/2" 2-3/8" 2-5/16" 2-3/8" 3/4" 2" 2-7/8" 2-3/4" 2-7/8" 3/4" 2-12" 3-7/16" 3-1/4" 3-7/16" 1-1/8" 3" 4" 3-15/16" 4" 1-1/8" 3-1/2" 4-9/16" 4-7/16" 4-9/16" 1-1/8"	Irade Size A Length B Diameter C Hex Thread Length Lug Height 3/8" 1-3/8" 1-1/16" 1-1/8" 5/8" 3/4" 1/2" 1-3/16" 1-1/8" 1-3/16" 5/8" 3/4" 1/2" 1-3/16" 1-1/8" 1-3/16" 5/8" 3/4" 3/4" 1-7/16" 1-3/8" 1-7/16" 5/8" 3/4" 3/4" 1-7/16" 1-3/8" 1-7/16" 5/8" 3/4" 1" 1-3/4" 1-11/16" 1-3/4" 11/16" 3/4" 1-1/4" 2-3/16" 2-1/16" 2-3/16" 11/16" 3/4" 1-1/2" 2-3/8" 2-5/16" 2-3/8" 3/4" 3/4" 1-1/2" 2-3/8" 2-5/16" 2-3/8" 3/4" 3/4" 2" 2-7/8" 2-3/4" 2-7/8" 3/4" 3/4" 2-12" 3-7/16" 3-1/4" 3-7/16" 1-1/8" 1-1/8" 3" 4" 3-15/16" 4" <t< td=""><td>Irade SizeA LengthB DiameterC HexThread LengthLug HeightW Min$3/8"$$1-3/8"$$1-1/16"$$1-1/8"$$5/8"$$3/4"$$14$$1/2"$$1-3/16"$$1-1/8"$$1-3/16"$$5/8"$$3/4"$$14$$1/2"$$1-3/16"$$1-1/8"$$1-3/16"$$5/8"$$3/4"$$14$$3/4"$$1-7/16"$$1-3/8"$$1-7/16"$$5/8"$$3/4"$$14$$3/4"$$1-7/16"$$1-3/8"$$1-7/16"$$5/8"$$3/4"$$14$$1"$$1-3/4"$$1-11/16"$$1-3/4"$$11/16"$$3/4"$$14$$1-1/4"$$2-3/16"$$2-1/16"$$2-3/16"$$11/16"$$3/4"$$14$$1-1/2"$$2-3/8"$$2-5/16"$$2-3/8"$$3/4"$$3/4"$$14$$2"$$2-7/8"$$2-3/4"$$2-7/8"$$3/4"$$3/4"$$14$$2-12"$$3-7/16"$$3-1/4"$$3-7/16"$$1-1/8"$$1-1/8"$$8$$3"$$4"$$3-15/16"$$4-7/16"$$4-9/16"$$1-1/8"$$1-11/16"$$6$</td><td>Irade SizeABCThread LengthLug HeightWire Size Min$3/8"$$1-3/8"$$1-1/16"$$1-1/8"$$7/8"$$3/4"$$14$$4$$1/2"$$1-3/16"$$1-1/8"$$1-3/16"$$5/8"$$3/4"$$14$$4$$1/2"$$1-3/16"$$1-1/8"$$1-3/16"$$5/8"$$3/4"$$14$$4$$3/4"$$1-7/16"$$1-3/8"$$1-7/16"$$5/8"$$3/4"$$14$$4$$3/4"$$1-7/16"$$1-3/8"$$1-7/16"$$5/8"$$3/4"$$14$$4$$1"$$1-3/4"$$1-11/16"$$1-3/4"$$11/16"$$3/4"$$14$$4$$1-1/4"$$2-3/16"$$2-1/16"$$2-3/16"$$11/16"$$3/4"$$14$$4$$1-1/2"$$2-3/8"$$2-5/16"$$2-3/8"$$3/4"$$3/4"$$14$$4$$2"$$2-7/8"$$2-3/4"$$2-7/8"$$3/4"$$3/4"$$14$$4$$2-12"$$3-7/16"$$3-1/4"$$3-7/16"$$1-1/8"$$1-1/8"$$8$$1/0$$3"$$4"$$3-15/16"$$4"$$4-9/16"$$1-1/8"$$1-1/8"$$8$$1/0$$3-1/2"$$4-9/16"$$4-7/16"$$4-9/16"$$1-1/8"$$1-11/16"$$6$$250MCM$</td></t<>	Irade SizeA LengthB DiameterC HexThread LengthLug HeightW Min $3/8"$ $1-3/8"$ $1-1/16"$ $1-1/8"$ $5/8"$ $3/4"$ 14 $1/2"$ $1-3/16"$ $1-1/8"$ $1-3/16"$ $5/8"$ $3/4"$ 14 $1/2"$ $1-3/16"$ $1-1/8"$ $1-3/16"$ $5/8"$ $3/4"$ 14 $3/4"$ $1-7/16"$ $1-3/8"$ $1-7/16"$ $5/8"$ $3/4"$ 14 $3/4"$ $1-7/16"$ $1-3/8"$ $1-7/16"$ $5/8"$ $3/4"$ 14 $1"$ $1-3/4"$ $1-11/16"$ $1-3/4"$ $11/16"$ $3/4"$ 14 $1-1/4"$ $2-3/16"$ $2-1/16"$ $2-3/16"$ $11/16"$ $3/4"$ 14 $1-1/2"$ $2-3/8"$ $2-5/16"$ $2-3/8"$ $3/4"$ $3/4"$ 14 $2"$ $2-7/8"$ $2-3/4"$ $2-7/8"$ $3/4"$ $3/4"$ 14 $2-12"$ $3-7/16"$ $3-1/4"$ $3-7/16"$ $1-1/8"$ $1-1/8"$ 8 $3"$ $4"$ $3-15/16"$ $4-7/16"$ $4-9/16"$ $1-1/8"$ $1-11/16"$ 6	Irade SizeABCThread LengthLug HeightWire Size Min $3/8"$ $1-3/8"$ $1-1/16"$ $1-1/8"$ $7/8"$ $3/4"$ 14 4 $1/2"$ $1-3/16"$ $1-1/8"$ $1-3/16"$ $5/8"$ $3/4"$ 14 4 $1/2"$ $1-3/16"$ $1-1/8"$ $1-3/16"$ $5/8"$ $3/4"$ 14 4 $3/4"$ $1-7/16"$ $1-3/8"$ $1-7/16"$ $5/8"$ $3/4"$ 14 4 $3/4"$ $1-7/16"$ $1-3/8"$ $1-7/16"$ $5/8"$ $3/4"$ 14 4 $1"$ $1-3/4"$ $1-11/16"$ $1-3/4"$ $11/16"$ $3/4"$ 14 4 $1-1/4"$ $2-3/16"$ $2-1/16"$ $2-3/16"$ $11/16"$ $3/4"$ 14 4 $1-1/2"$ $2-3/8"$ $2-5/16"$ $2-3/8"$ $3/4"$ $3/4"$ 14 4 $2"$ $2-7/8"$ $2-3/4"$ $2-7/8"$ $3/4"$ $3/4"$ 14 4 $2-12"$ $3-7/16"$ $3-1/4"$ $3-7/16"$ $1-1/8"$ $1-1/8"$ 8 $1/0$ $3"$ $4"$ $3-15/16"$ $4"$ $4-9/16"$ $1-1/8"$ $1-1/8"$ 8 $1/0$ $3-1/2"$ $4-9/16"$ $4-7/16"$ $4-9/16"$ $1-1/8"$ $1-11/16"$ 6 $250MCM$

** Add suffix "B" for insulated throat

Compliances:

UL 514 B, 467

NEMA Standard FB1 Rated NEMA Types 2, 3, 3R, 3, 4X, 5, 12, 13 Rated Type A Conduits Including; LNFC, LMFC, and LSCH **** NEC: Class I, Division 2

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RoHS Compliant

REACH Compliant CA Prop 65 Compliant UNSPSC 39123033



Available Options:

Full FLAT HEX Surface with

Torques Tight & Right

EZ Torque Steel Compression Nuts

** Material Options: ALUMINUM - Copper Free Add Suffix "AL" to Cat #;

STAINLESS - Avail Sizes- 1/2" to 1" Add Suffix "SST" to Cat #

** Insulated Throat Bushing 105°c UL Rating Factory Installed Bushing - Add Suffix "B" to Above Cat #

Configurations Available and Options:

*** Lugs Available: AL Standard

Option of Copper, Add "CU" to Cat #

01-2024

<u>90° and 45°</u>

Transition Fittings - Adapters to Convert EMT to Liquid Tight, Right Conduit to Liquid Tight Wire Mesh Strain Relief

** Galvanized Plating Option Available

****STR Series is NOT Rated nor Recommended for Type B Conduit See our NMLT Series





Industrial SPEC-grade