

Class I, Div. 2
Class II, Div. 1 and 2
Class III
NEC 501- 4(b), 502- 4(a)(2), 503- 3(a)

Liquidtight "ST" and "STB" Connectors for Liquidtight Flexible Metal Conduit

ST Series with plain throat; STB Series with insulated throat.

Applications

- Provides a dependable connection for liquidtight flexible metal conduit. Seals out oil, water, dust, dirt and fumes.

Features

- ST Series has plain throat; STB Series has insulated throat to protect against wire damage.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Liquidtight/raintight/oiltight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.

Standard Materials

- 3/8" to 1" (straight): steel.
- 1-1/4" to 5" (straight) and 3/8" to 4" (45° and 90°): malleable iron.
- Ferrule: (3/8" to 1") steel; (1-1/4" to 5") aluminum.

Standard Finishes

- Steel-zinc electroplate.
- Malleable iron-zinc electroplate, dichromate and epoxy powder/zinc electroplate.

Size Range:

- 3/8" thru 5" conduit size (straight)
- 3/8" thru 4" conduit size (45° and 90°)

Compliances

- UL Standard 514B.
- CSA Standard C22.2 No. 18
- Suitable for hazardous locations
- Class I, Div. 2
- Class II, Div. 1 and 2
- Class III, Div. 1 and 2
- NEC 501-4(b), 502-4(a)(2), 503-3(a)

For connector dimensions, see page I-48.



Steel 3/8"—1"



Malleable Iron 1-1/4"—5"



Malleable Iron 3/8"—4"
3/8"—1" with steel caps



Malleable Iron 3/8"—4"
3/8"—1" with steel caps

ST Connectors

Straight		45°		90°	
Catalog Number	Size (In.)	Catalog Number	Size (In.)	Catalog Number	Size (In.)
ST-38	3/8 flex, 1/2 hub	ST-4538	3/8 flex, 1/2 hub	ST-9038	3/8 flex, 1/2 hub
ST-50	1/2	ST-4550	1/2	ST-9050	1/2
ST-75	3/4	ST-4575	3/4	ST-9075	3/4
ST-100	1	ST-45100	1	ST-90100	1
ST-125	1-1/4	ST-45125	1-1/4	ST-90125	1-1/4
ST-150	1-1/2	ST-45150	1-1/2	ST-90150	1-1/2
ST-200	2	ST-45200	2	ST-90200	2
ST-250	2-1/2	ST-45250	2-1/2	ST-90250	2-1/2
ST-300	3	ST-45300	3	ST-90300	3
ST-350	3-1/2	ST-45400	4	ST-90400	4
ST-400	4	—	—	—	—
ST-500	5	—	—	—	—

STB Connectors - Insulated

Straight		45°		90°	
Catalog Number	Size (In.)	Catalog Number	Size (In.)	Catalog Number	Size (In.)
STB-38	3/8 flex, 1/2 hub	STB-4538	3/8 flex, 1/2 hub	STB-9038	3/8 flex, 1/2 hub
STB-50	1/2	STB-4550	1/2	STB-9050	1/2
STB-75	3/4	STB-4575	3/4	STB-9075	3/4
STB-100	1	STB-45100	1	STB-90100	1
STB-125	1-1/4	STB-45125	1-1/4	STB-90125	1-1/4
STB-150	1-1/2	STB-45150	1-1/2	STB-90150	1-1/2
STB-200	2	STB-45200	2	STB-90200	2
STB-250	2-1/2	STB-45250	2-1/2	STB-90250	2-1/2
STB-300	3	STB-45300	3	STB-90300	3
STB-350	3-1/2	STB-45400	4	STB-90400	4
STB-400	4	—	—	—	—
STB-500	5	—	—	—	—