

Metallic Liquidtight Cord and Cable Connectors

T&B® Liquidtight Strain-Relief Cord Connectors



The T&B Steel Liquidtight Strain Relief Cord Connector is suited for most general control and power cable applications. This series features sturdy neoprene bushings and tapered hub threads.

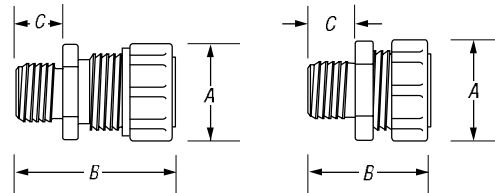


Fig. 1

Fig. 2



Application

- Provide means for passing a cord cable (armored or unarmored) into an enclosure, through a bulkhead or into a rigid conduit
- Form a mechanical grip and water- and/or oil-resistant seal for cord and unarmored or jacketed armored round cables
- Form a non-slip connection or termination for flexible cord, cable (armored or unarmored)
- Provide grounding continuity of cable armor

Cord & Cable Type

- S, S0, SV, ST, STD, SJ, SJO, SJT, SJTO, SVD

Features

- Extended range with superior strain relief
- Reduced overall size, fits into tighter spaces
- Gland nut designed to restrict cable bending

Materials

Body..... Cat. Nos. 2516–2519 — Steel
 Cat. Nos. 2520–2596 — Malleable Iron or Die-Cast Zinc
 2200 Series — Malleable Iron
 Gland..... Steel
 Bushing..... Neoprene

Environment Classification

Ordinary locations
 Wet or dry locations
 Fittings used in a trade size knockout requiring a NEMA 3R, 4, 6 or 13 listing require a 5262 Series sealing ring

UL Listed as liquidtight strain relief and outlet bushing, CSA certified watertight.

UL File No. E 13938

CSA File No. 589 & 4484

† UL not applicable.

* Remove sufficient outer covering of cable to permit conductors to pass through connector body.

Complies with JIC standards.

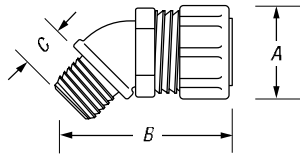
Temperature rating 105°C.

Suitable for hazardous locations use where general-purpose equipment is specifically permitted per NEC® Section 501-4(f).

| CAT. NO. | CABLE SIZE (IN.) | | HUB SIZE | THROAT DIA. (MIN.) | FIG. | DIMENSIONS (IN.) | | | BUSHING PART NO. | GLAND-NUT MODEL NO. | RETAINER MODEL NO. | BODY MODEL NO. |
|----------|------------------|-----------|----------|--------------------|------|------------------|---------|--------|------------------|---------------------|--------------------|----------------|
| | RANGE | MIN.-MAX. | | | | A | B | C | | | | |
| 2516† | .060–.125 | | ¼" | ⅜" | 2 | ⅜" | 1 1/16" | 1 1/2" | 035-73377-5 | 035-73377-3 | 035-73377-9 | 035-73377-1 |
| 2517† | .120–.250 | | ¼" | ⅜" | 2 | 1 1/16" | 1 1/16" | 1 1/2" | 035-73377-6 | 035-73377-3 | 035-73377-9 | 035-73377-1 |
| 2518† | .060–.150 | | ⅜" | ⅜" | 2 | ⅜" | 1 1/2" | 1 1/2" | 035-73377-7 | 035-73377-4 | 035-73377-9 | 035-73377-2 |
| 2519† | .150–.300 | | ⅜" | ⅜" | 2 | ⅜" | 1 1/2" | 1 1/2" | 035-73377-8 | 035-73377-4 | 035-73377-9 | 035-73377-2 |
| 2520 | .125–.250 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-1 | 053-71411-37 | 035-72735-1 | 053-71411-43 |
| 2521 | .250–.375 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-2 | 053-71411-37 | 035-72735-1 | 053-71411-43 |
| 2522 | .375–.500 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-3 | 053-71411-37 | 035-72735-2 | 053-71411-43 |
| 2523 | .450–.560 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-4 | 053-71411-37 | 035-72735-2 | 053-71411-43 |
| 2524* | .500–.625 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-59 | 053-71411-38 | 035-72735-3 | 033-72259-21 |
| 2525* | .625–.750 | | ½" | ⅝" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-60 | 053-71411-38 | 035-72735-3 | 033-72259-21 |
| 2530 | .125–.250 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 033-72259-1 | 053-71411-38 | 035-72735-4 | 053-71411-44 |
| 2531 | .250–.375 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-5 | 053-71411-38 | 035-72735-4 | 053-71411-44 |
| 2532 | .375–.500 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-58 | 053-71411-38 | 035-72735-4 | 053-71411-44 |
| 2534 | .500–.625 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-59 | 053-71411-38 | 035-72735-3 | 053-71411-44 |
| 2535 | .625–.750 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-60 | 053-71411-38 | 035-72735-3 | 053-71411-44 |
| 2536* | .750–.880 | | ¾" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-61 | 053-71411-39 | 035-72735-5 | 033-72259-22 |
| 2541 | .250–.375 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-5 | 053-71411-38 | 035-72735-4 | 053-71411-45 |
| 2542 | .375–.500 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-58 | 053-71411-38 | 035-72735-4 | 053-71411-45 |
| 2544 | .500–.625 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-59 | 053-71411-38 | 035-72735-3 | 053-71411-45 |
| 2545 | .625–.750 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-60 | 053-71411-38 | 035-72735-3 | 053-71411-45 |
| 2546 | .750–.880 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-61 | 053-71411-39 | 035-72735-5 | 053-71411-46 |
| 2547 | .875–.985 | | 1" | 1 1/16" | 1 | 1 1/2" | 1 1/2" | 1 1/2" | 053-71411-62 | 053-71411-39 | 035-72735-5 | 053-71411-46 |
| 2548* | .880–1.065 | | 1" | 1 1/16" | 1 | 2 1/16" | 2 1/16" | 2 1/2" | 053-71411-63 | 053-71411-40 | 035-72735-6 | 033-72259-23 |
| 2549* | 1.065–1.205 | | 1" | 1 1/16" | 1 | 2 1/16" | 2 1/16" | 2 1/2" | 053-71411-64 | 053-71411-40 | 035-72735-6 | 033-72259-23 |
| 2558 | .880–1.065 | | 1 1/8" | 1 1/4" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-63 | 053-71411-40 | 035-72735-6 | 053-71411-47 |
| 2559 | 1.065–1.205 | | 1 1/8" | 1 1/4" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-64 | 053-71411-40 | 035-72735-6 | 053-71411-47 |
| 2556* | 1.187–1.375 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-18 | 053-71411-41 | 035-72735-7 | 033-72259-24 |
| 2557* | 1.375–1.485 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 033-72259-2 | 053-71411-41 | 035-72735-7 | 033-72259-24 |
| 2562 | .812–1.000 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 033-72259-3 | 053-71411-41 | 035-72735-7 | 053-71411-48 |
| 2563 | 1.000–1.187 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-17 | 053-71411-41 | 035-72735-7 | 053-71411-48 |
| 2564 | 1.187–1.375 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-18 | 053-71411-41 | 035-72735-7 | 053-71411-48 |
| 2565* | 1.375–1.625 | | 1 1/2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-65 | 053-71411-42 | 035-72735-8 | 033-72259-25 |
| 2573 | 1.125–1.375 | | 2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-66 | 053-71411-42 | 035-72735-8 | 053-71411-49 |
| 2574 | 1.375–1.625 | | 2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-65 | 053-71411-42 | 035-72735-8 | 053-71411-49 |
| 2575 | 1.625–1.875 | | 2" | 1 1/2" | 1 | 2 1/2" | 2 1/2" | 2 1/2" | 053-71411-67 | 053-71411-42 | 035-72735-8 | 053-71411-49 |
| 2576* | 1.750–1.965 | | 2" | 1 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-5 | 033-72259-17 | 035-72735-9 | 033-72259-26 |
| 2577* | 1.937–2.187 | | 2" | 1 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-6 | 033-72259-17 | 035-72735-9 | 033-72259-26 |
| 2584 | 1.750–1.965 | | 2 1/2" | 2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-5 | 033-72259-17 | 035-72259-14 | 033-72259-27 |
| 2585 | 1.937–2.187 | | 2 1/2" | 2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-6 | 033-72259-18 | 033-72259-14 | 033-72259-27 |
| 2586* | 2.156–2.360 | | 2 1/2" | 2 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-7 | 033-72259-19 | 033-72259-15 | 033-72259-28 |
| 2587* | 2.350–2.565 | | 2 1/2" | 2 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-8 | 033-72259-19 | 033-72259-15 | 033-72259-28 |
| 2592 | 2.156–2.360 | | 3" | 2 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-7 | 033-72259-19 | 033-72259-15 | 033-72259-29 |
| 2593 | 2.350–2.565 | | 3" | 2 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-8 | 033-72259-19 | 033-72259-15 | 033-72259-29 |
| 2594 | 2.535–2.750 | | 3" | 2 1/2" | 1 | 3 1/2" | 3 1/2" | 3 1/2" | 033-72259-9 | 033-72259-19 | 033-72259-15 | 033-72259-29 |
| 2595* | 2.735–2.985 | | 3" | 2 1/2" | 1 | 4 1/16" | 4 1/16" | 1 1/8" | 033-72259-10 | 033-72259-20 | 033-72259-16 | 033-72259-30 |
| 2596* | 2.970–3.220 | | 3" | 2 1/2" | 1 | 4 1/16" | 4 1/16" | 1 1/8" | 033-72259-11 | 033-72259-20 | 033-72259-16 | 033-72259-30 |

Metallic Liquidtight Cord and Cable Connectors

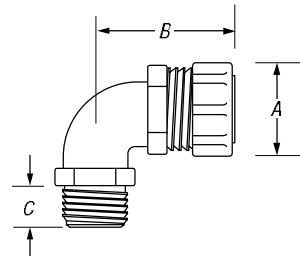
Liquidtight Strain-Relief Connectors — 45°



For wire mesh grips, refer to page E-142.

| CAT. NO. | CABLE-SIZE MIN.-MAX. (IN.) | HUB SIZE | DIMENSIONS (IN.) | | | THROAT DIA. |
|----------|-------------------------------|----------|------------------|---------|--------|----------------|
| | | | A | B | C | |
| 2200 | .125-.250 | 1/2" | 1 1/8 | 1 3/32 | 9/16 | 37/64 |
| 2201 | .250-.375 | 1/2" | 1 1/8 | 1 3/32 | 9/16 | 37/64 |
| 2202 | .375-.500 | 1/2" | 1 1/8 | 1 3/32 | 9/16 | 37/64 |
| 2203 | .450-.560 | 1/2" | 1 1/8 | 1 3/32 | 9/16 | 37/64 |
| 2204* | .500-.625 | 1/2" | 1 3/8 | 1 13/32 | 9/16 | 37/64 |
| 2205* | .625-.750 | 1/2" | 1 3/8 | 1 13/32 | 9/16 | 37/64 |
| 2206 | .125-.250 | 3/4" | 1 3/8 | 1 13/32 | 5/8 | 29/32 |
| 2207 | .250-.375 | 3/4" | 1 3/8 | 1 13/32 | 5/8 | 29/32 |
| 2208 | .375-.500 | 3/4" | 1 3/8 | 1 13/32 | 5/8 | 29/32 |
| 2209 | .500-.625 | 3/4" | 1 3/8 | 1 13/32 | 5/8 | 29/32 |
| 2210 | .625-.750 | 3/4" | 1 3/8 | 1 13/32 | 5/8 | 29/32 |
| 2211* | .750-.880 | 3/4" | 1 11/16 | 1 1/2 | 1 1/2 | 3/4 |
| 2213 | .375-.500 | 1" | 1 3/8 | 1 1/2 | 29/32 | 19/16 |
| 2214 | .500-.625 | 1" | 1 3/8 | 1 1/2 | 29/32 | 19/16 |
| 2215 | .625-.750 | 1" | 1 3/8 | 1 1/2 | 29/32 | 19/16 |
| 2216 | .750-.875 | 1" | 1 11/16 | 1 13/32 | 29/32 | 19/16 |
| 2217* | .875-.985 | 1" | 1 11/16 | 1 13/32 | 29/32 | 19/16 |
| 2218* | .880-1.065 | 1" | 2 1/16 | 1 31/32 | 29/32 | 19/16 |
| 2219* | 1.065-1.205 | 1" | 2 1/16 | 1 31/32 | 29/32 | 19/16 |
| 2220* | .880-1.065 | 1 1/4" | 2 1/16 | 1 29/32 | 1 3/16 | 1 1/16 |
| 2221* | 1.065-1.205 | 1 1/4" | 2 1/16 | 1 29/32 | 1 3/16 | 1 1/16 |
| 2222* | 1.187-1.375 | 1 1/4" | 2 1/16 | 2 1/4 | 1 3/16 | 1 1/16 |
| 2223* | 1.375-1.485 | 1 1/4" | 2 1/16 | 2 1/4 | 1 3/16 | 1 1/16 |

Liquidtight Strain-Relief Connectors — 90°



| CAT. NO. | CABLE-SIZE MIN.-MAX. (IN.) | HUB SIZE | DIMENSIONS (IN.) | | | THROAT DIA. |
|----------|-------------------------------|----------|------------------|---------|---------|----------------|
| | | | A | B | C | |
| 2268 | .250-.375 | 1/2" | 1 1/8 | 1 23/32 | 5/8 | 19/32 |
| 2269 | .375-.500 | 1/2" | 1 1/8 | 1 23/32 | 5/8 | 19/32 |
| 2270 | .450-.560 | 1/2" | 1 1/8 | 1 23/32 | 5/8 | 19/32 |
| 2250* | .500-.625 | 1/2" | 1 3/8 | 1 11/16 | 9/16 | 39/64 |
| 2251* | .625-.750 | 1/2" | 1 3/8 | 1 11/16 | 9/16 | 39/64 |
| 2252 | .125-.250 | 3/4" | 1 3/8 | 1 3/4 | 1/2 | 29/32 |
| 2271 | .250-.375 | 3/4" | 1 3/8 | 1 3/8 | 1/2 | 29/32 |
| 2272 | .375-.500 | 3/4" | 1 3/8 | 1 3/8 | 1/2 | 29/32 |
| 2273 | .500-.625 | 3/4" | 1 3/8 | 1 3/8 | 1/2 | 29/32 |
| 2274* | .620-.750 | 3/4" | 1 3/8 | 1 3/8 | 1/2 | 29/32 |
| 2253* | .750-.880 | 3/4" | 1 11/16 | 1 31/32 | 9/16 | 29/32 |
| 2254 | .375-.500 | 1" | 1 3/8 | 2 | 29/32 | 1 |
| 2255 | .500-.625 | 1" | 1 3/8 | 2 | 29/32 | 1 |
| 2256* | .625-.750 | 1" | 1 3/8 | 2 | 29/32 | 1 |
| 2275 | .750-.875 | 1" | 1 11/16 | 2 | 5/8 | 1 |
| 2276 | .875-.985 | 1" | 1 11/16 | 2 | 5/8 | 1 |
| 2257* | .880-1.065 | 1" | 2 1/16 | 2 21/32 | 29/32 | 1 1/16 |
| 2258* | 1.065-1.205 | 1" | 2 1/16 | 2 21/32 | 29/32 | 1 1/16 |
| 2277 | .880-1.065 | 1 1/4" | 2 1/16 | 2 1/8 | 1 11/16 | 1 1/16 |
| 2278 | 1.065-1.205 | 1 1/4" | 2 1/16 | 2 1/8 | 1 11/16 | 1 1/16 |
| 2279* | 1.187-1.375 | 1 1/4" | 2 1/16 | 2 13/16 | 1 3/16 | 1 1/32 |
| 2280* | 1.375-1.485 | 1 1/4" | 2 1/16 | 2 13/16 | 1 3/16 | 1 1/32 |
| 2281 | .812-1.000 | 1 1/2" | 2 3/8 | 2 1/8 | 1 3/16 | 1 1/32 |
| 2282 | 1.000-1.187 | 1 1/2" | 2 3/8 | 2 1/8 | 1 3/16 | 1 1/32 |
| 2283* | 1.187-1.375 | 1 1/2" | 2 3/8 | 2 1/8 | 1 3/16 | 1 1/32 |
| 2284 | 1.125-1.375 | 2" | 2 25/32 | 3 1/4 | 2 1/32 | 1 3/32 |
| 2285 | 1.375-1.625 | 2" | 2 25/32 | 3 1/4 | 2 1/32 | 1 3/32 |
| 2286 | 1.625-1.875 | 2" | 2 25/32 | 3 1/4 | 2 1/32 | 1 3/32 |

UL Listed as liquidtight strain relief and outlet bushing. CSA certified watertight.

UL File No. E 13938

CSA File No. 589 & 4484

† UL not applicable.

* Remove sufficient outer covering of cable to permit conductors to pass through connector body.

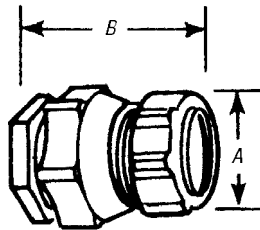
Complies with JIC standards.

Temperature rating 105° C.

Suitable for hazardous locations use where general-purpose equipment is specifically permitted per NEC®.

Metallic Liquidtight Cord and Cable Connectors

CHASE® Liquidtight Cord Connectors



| CAT. NO. | CABLE SIZE RANGE SIZE (IN.) | THROAT DIA. | CORD RANGE | DIMENSIONS (IN.) | |
|----------|-----------------------------|-------------|------------|------------------|----------|
| | | | | A | B |
| 2631 | .125-.250 | 1/2" | 3/16" | 1 1/16" | 1 3/8" |
| 2632 | .250-.375 | 1/2" | 3/16" | 1 1/16" | 1 3/8" |
| 2633 | .375-.500 | 1/2" | 3/16" | 1 1/16" | 1 3/8" |
| 2634 | .450-.560 | 1/2" | 3/16" | 1 1/16" | 1 3/8" |
| 2637 | .125-.250 | 3/4" | 25/32" | 1 1/16" | 1 3/4" |
| 2638 | .250-.375 | 3/4" | 25/32" | 1 1/16" | 1 3/4" |
| 2639 | .375-.500 | 3/4" | 25/32" | 1 1/16" | 1 3/4" |
| 2640 | .500-.625 | 3/4" | 25/32" | 1 1/16" | 1 3/4" |
| 2641 | .625-.750 | 3/4" | 25/32" | 1 1/16" | 1 3/4" |
| 2646 | .500-.625 | 1" | 1" | 1 3/8" | 1 13/16" |
| 2647 | .625-.750 | 1" | 1" | 1 3/8" | 1 13/16" |
| 2648 | .750-.880 | 1" | 1" | 1 3/8" | 1 13/16" |

Suitable for hazardous locations use in Class I, Div. 2; Class II, Div. 1 and 2; Class III, Div. 1 and 2, where general-purpose equipment is specifically permitted per NEC® Section 500-2(a).

Complete with O-Ring seal and nylon insulated throat and neoprene bushing.

UL Listed as liquidtight strain relief and outlet bushing. CSA certified watertight.

Temperature Rating: 105° C UL File No. E 13938

CSA File No. 589. CHASE® Liquidtight Cord Connectors are ideal for installation where space is limited inside the enclosure.

Multi-Hole Flexible Cord and Cable Connectors



| CAT. NO. | HUB SIZE (IN.) | DIA. NO. | CORD DIA. (IN.) |
|----------|----------------|----------|-----------------|
| 2520-2 | 1/2" | 2 | .220 |
| 2530-2 | 3/4" | 2 | .220 |
| 2531-2 | 3/4" | 2 | .260 |
| 2531-3 | 3/4" | 3 | .260 |
| 2541-2 | 1" | 2 | .300 |
| 2542-2 | 1" | 2 | .375 |
| 2540-3 | 1" | 3 | .225 |
| 2541-3 | 1" | 3 | .300 |
| 2540-4 | 1" | 4 | .220 |
| 2555-2 | 1 1/4" | 2 | .500 |

Note: Range of cord dia. ±.010.

In many applications, you have only room for one fitting but you need to run two cables (for example, proximity switches). Now you can provide strain relief and liquidtight protection with T&B's new multi-hole liquidtight strain relief connectors. With the ever-increasing number of signal cables, now you have a solution to the problem of how to strain relieve multiple cables in one fitting.

X-ON Electronics

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[CM-1/2-4H-9](#) [HX-SCE-19.0-50-9](#) [HX-SCE-6.4-50-4](#) [C25254-000](#)