

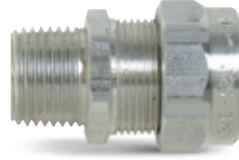
Metallic Liquidtight Cord and Cable Connectors



2920 Ranger® Series



2920SST Ranger® Series



2920AL Ranger® Series



2516 Series

Ranger® Series of Liquidtight Flexible Cord and Cable Connectors

Application

- A liquidtight connector to connect flexible cord or cable to an enclosure and provide adequate strain relief

Features

- Liquidtight connection with enclosure is ensured by:
 - Taper threaded hub on 2520 series for female hub application
 - Using sealing ring series 5262 with 2520 series for knockout application
 - Captivated sealing O-Ring on 2631 series
 - Neoprene bushing makes liquidtight installation; applies pressure against cable the full length of bushing
 - Thermoplastic or stainless steel retaining ring
 - Will not abrade cord/cable jacket
 - Reduces installing torque effort
- UL Listed liquidtight, strain relief and as an outlet bushing; CSA certified watertight

Standard Material

- Gland, Body.....Steel/Malleable Iron/Zinc Die Cast
- Retaining RingThermoplastic/Stainless Steel
- Bushing.....Neoprene
- O-RingBuna N

Standard Finish

- Electro Zinc Plated & Chromate Coated

Range

- 2520 Series, straight 0.125" outside diameter to 3.200" outside diameter Cord or Cable
- 2200 Series, 45° 0.125" outside diameter to 1.485" outside diameter Cord or Cable

- 2267 Series, 90° 0.125" outside diameter to 1.875" outside diameter Cord or Cable
- 2900 and 4900 Ranger® Series 0.250" cable range
- Cord/Cable Type S, SO, SV, ST, STO, SJ, SJO, SJT, SJTO, SVO & SVT

Listings/Compliances

- UL File No. E-13938
- CSA LR-589, LR-4484
- UL 514
- CSA. 22.2 No. 18
- ANSI C33.84, NFPA 70-1978 (ANSI)

CAT. NO	SIZE	MIN.	MAX.	SVO, SV, SVT				SJ, SJO, SJT, SJTO				S, SO, ST, STO												
				#18	#16	#14	#12	#18	#16	#14	#12	#10	#8	#6										
2 Conductor																								
2920	1/2"	.125	.375	X				X																
2921	1/2"	.310	.560					X	X	X														
2922	1/2"	.500	.750					X	X	X	X	X												
2930	3/4"	.125	.375	X				X																
2931	3/4"	.310	.560		X			X	X	X														
2932	3/4"	.500	.750					X	X	X	X	X												
2940	1"	.310	.560					X	X	X	X	X												
2941	1"	.500	.750					X	X	X	X	X	X											
2942	1"	.700	.950					X												X	X			
3 Conductor																								
2920	1/2"	.125	.375	X				X																
2921	1/2"	.310	.560					X	X	X														
2922	1/2"	.500	.750					X	X	X	X	X												
2930	3/4"	.125	.375	X				X																
2931	3/4"	.310	.560		X			X	X	X														
2932	3/4"	.500	.750					X	X	X	X	X												
2940	1"	.310	.560					X	X	X	X	X												
2941	1"	.500	.750					X					X	X										
2942	1"	.700	.950					X					X	X						X	X			
4 Conductor																								
2920	1/2"	.125	.375	X				X																
2921	1/2"	.310	.560					X	X	X														
2922	1/2"	.500	.750					X	X	X	X	X												
2930	3/4"	.125	.375	X				X																
2931	3/4"	.310	.560		X			X	X	X														
2932	3/4"	.500	.750					X	X	X	X	X												
2940	1"	.310	.560					X	X	X	X	X												
2941	1"	.500	.750					X					X	X										
2942	1"	.700	.950					X					X	X						X	X			

Metallic Liquidtight Cord and Cable Connectors

The Ranger® Series of Steel Liquidtight Cord Connectors

The Ranger® Series Steel Liquidtight Connector takes twice the cable range of most ordinary strain-relief connectors. T&B's Ranger Connectors enable you to reduce your inventory and save time with one connector that can do the work of two.



Features

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

Materials

Body: Steel — 2920 series,
Malleable Iron — 4920 & 4960 series

Gland Nut, Grip: Steel — all series
Bushing: Rubber

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

Range

Cord Range: .125" to .950"

Hub Size Range: ½" to 1"

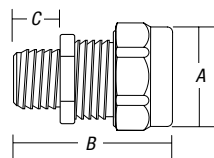
Application

- Provide means for passing a cord cable into an enclosure, through a bulkhead or into a rigid conduit
- Form a mechanical grip and water- and/or oil-resistant seal for cord
- Form a non-slip connection or termination for flexible cord

Cord & Cable Type

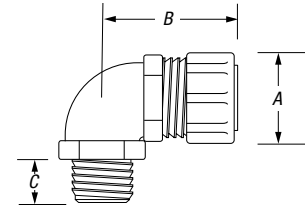
- S, SO, SV, ST, STD, SJ, SJO, SJT, SJTO, SVD

Steel Liquidtight Strain Relief Connectors — Straight



CAT. NO.	HUB SIZE	THROAT DIA.	CORD RANGE	DIMENSIONS (IN.)		
				A	B	C
2920	½"	47/64"	.125-.375	1 1/8"	1 3/4"	5/8"
2921	½"	47/64"	.310-.560	1 1/8"	1 3/4"	5/8"
2922	½"	47/64"	.500-.750	1 1/8"	1 3/4"	5/8"
2930	¾"	13/16"	.125-.375	1 1/8"	1 25/32"	5/8"
2931	¾"	13/16"	.310-.560	1 1/8"	1 25/32"	5/8"
2932	¾"	13/16"	.500-.750	1 1/8"	1 25/32"	5/8"
2940	1"	1 1/16"	.310-.560	1 1/8"	1 3/4"	3/4"
2941	1"	1 1/16"	.500-.750	1 1/8"	1 3/4"	3/4"
2942	1"	3 1/32"	.700-.950	1 1/8"	1 7/8"	3 1/32"

Steel Liquidtight Strain Relief Connectors — 90° Angle



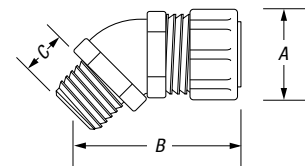
CAT. NO.	HUB SIZE	THROAT DIA.	CORD RANGE	DIMENSIONS (IN.)		
				A	B	C
4960	½"	1 1/32"	.125-.375	1 1/8"	1 3/4"	5/8"
4961	½"	1 1/32"	.310-.560	1 1/8"	1 3/4"	5/8"
4962	½"	1 1/32"	.500-.750	1 1/8"	1 23/64"	5/8"
4970	¾"	25/32"	.125-.375	1 1/8"	1 25/32"	1 1/16"
4971	¾"	25/32"	.310-.560	1 1/8"	1 25/32"	1 1/16"
4972	¾"	25/32"	.500-.750	1 1/8"	1 25/32"	1 1/16"
4980	1"	1"	.310-.560	1 1/8"	2 1/32"	1 1/16"

All items shown on this page are suitable for use in hazardous locations where general-purpose equipment is specifically permitted by the NEC®. NEC 501-4(b).

UL File No. E-13938

CSA File No. 52391

Steel Liquidtight Strain Relief Connectors — 45° Angle



CAT. NO.	HUB SIZE	THROAT DIA.	CORD RANGE	DIMENSIONS (IN.)		
				A	B	C
4920	½"	37/64"	.125-.375	1 1/8"	1 1/16"	47/64"
4921	½"	37/64"	.310-.560	1 1/8"	1 1/16"	47/64"
4922	½"	37/64"	.500-.750	1 1/8"	1 1/16"	47/64"
4930	¾"	25/32"	.125-.375	1 1/8"	1 1/16"	5/8"
4931	¾"	25/32"	.310-.560	1 1/8"	1 1/16"	5/8"
4932	¾"	25/32"	.500-.750	1 1/8"	1 1/16"	5/8"

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