

Flexible Cord and Cable Fittings

The Ranger™ Series — Liquidtight Strain Relief Fittings

The only fitting to take a 0.250 inch cable range.

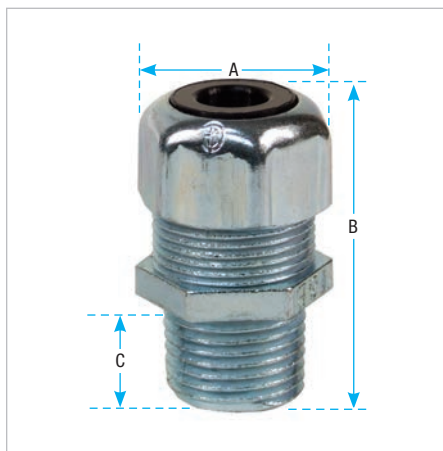
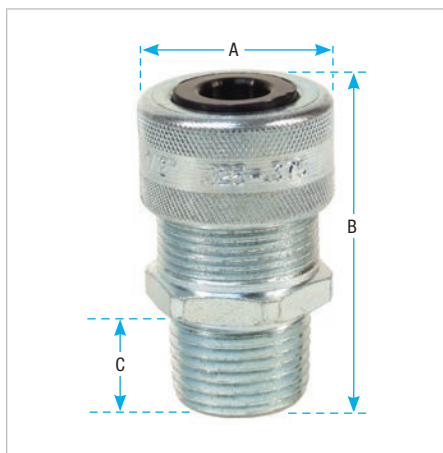
New materials and computer aided designs helped T&B develop a strain relief fitting that will take twice the cable range of ordinary strain relief fittings.

Application

A liquidtight fitting to secure flexible cord or power cable to a box or enclosure and provide strain relief.

Features

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



Range

	Series	Hub Size
0.125 in. thru 0.950 in.	2920S	1/2 thru 1
	4920	
	4960	
	2920AL	
	4960AL	
0.125 in. thru 0.750 in.	2920NM	1/2 thru 3/4
	4960NM	

Standard Material/Finish

	2920S Series 4920 Series 4960 Series	2920NM Series 4960NM Series	2920AL Series 4960AL Series
Body	Steel (ST) 45° & 90° (Malleable Iron)	Nylon (Weather Stabilized)	Aluminum (ST) Malleable Iron (90°)
Gland	Steel	Nylon (Weather Stabilized)	Aluminum
Grip	Plastic	Nylon (Weather Stabilized)	Aluminum
Bushing	Santoprene	Oil Resistant Elastomer	Aluminum

Liquidtight Strain Relief Fittings – Straight



Cat. No.	Hub Size (in.)	Throat Dia.	Cord Range min.-max. (in.)	Dimensions (in.)		
				A	B	C
2920S	1/2	9/16	0.125-0.375	1-1/8	1-3/4	5/8
2921S		9/16	0.310-0.560	1-1/8	1-3/4	5/8
2922S*		9/16	0.500-0.750	1-3/8	1-3/4	5/8
2930S	3/4	13/16	0.125-0.375	1-3/8	1-25/32	3/4
2931S		13/16	0.310-0.560	1-3/8	1-25/32	3/4
2932S		13/16	0.500-0.750	1-3/8	1-25/32	3/4
2940S	1	1-1/16	0.310-0.560	1-3/8	1-3/4	13/16
2941S		1-1/16	0.500-0.750	1-3/8	1-3/4	13/16
2942S		31/32	0.700-0.950	1-5/8	1-7/8	13/16

*It may be necessary to remove sufficient outer covering of cable to permit conductors to pass through the fitting body

Liquidtight Strain Relief Fittings



Cat. No.	Hub Size (in.)	Throat Dia. (in.)	Cord Range min.-max. (in.)	Dimensions (in.)		
				A	B	C
2920	1/2	9/16	0.125-0.375	1-1/8	1-3/4	5/8
2921		9/16	0.310-0.560	1-1/8	1-3/4	5/8
2922*		9/16	0.500-0.750	1-3/8	1-3/4	5/8
2930	3/4	13/16	0.125-0.375	1-3/8	1-25/32	3/4
2931		13/16	0.310-0.560	1-3/8	1-25/32	3/4
2932		13/16	0.500-0.750	1-3/8	1-25/32	3/4
2940	1	1-1/16	0.310-0.560	1-3/8	1-3/4	13/16
2941		1-1/16	0.500-0.750	1-3/8	1-3/4	13/16
2942		31/32	0.700-0.950	1-5/8	1-7/8	13/16

*It may be necessary to remove sufficient outer covering of cable to permit conductors to pass through the fitting body

Portable Cord and Cable Fittings

WMG-PC Series Wiremesh Grips for Portable Cord

T&B Wiremesh grips are ordered separately and fit with your existing inventory of Ranger™ fittings and liquidtight strain relief fittings. There's no need to duplicate inventory.



Wiremesh grips support the following Liquidtight Cord Fittings Series.



2920 Series

2920AL Series

2516 Series

Application

- Provides high gripping strength for adequate cable support and strain relief without damage to the cable sheath
- Compression of a tapered neoprene bushing, assures the watertight integrity of the fittings

Cord and Cable Type

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

How to select proper wiremesh grip:

1. Determine O.D. of portable cord e.g. .200
2. Determine size of knockout or threaded hub e.g. 1/2 in.
3. Select Cat. No. of strain relief fitting e.g. 2520, 2920AL
4. Match up O.D. with grip range and strainrelief to determine Cat. No. of Wiremesh Grip (e.g. 0.200 + 2520 = WMP-PC1)

Features

- Prevents severe cord bends and pullouts
- Used in aluminum and/or steel fittings

Material

Wiremesh made of stainless steel. Retaining rings made of aluminum.

Environment Classification

- Ordinary Locations

Range

0.187 – 3.220



Wiremesh Grips for Portable Cord



Cat. No.	Grip Range (in.)	Strain Relief Fitting							
		Straight			45°		90°		
		Ranger™ Steel	Ranger™ Aluminum	T&B Steel	Ranger™ Malleable Iron	T&B Steel	Ranger™ Malleable Iron	Ranger™ Aluminum	T&B Steel
WMG-PC1	0.187-0.250	2920S	2920AL	2520	4920	2200	4960	4960AL	2267
WMG-PC2	0.250-0.375	2920S	2920AL	2521	4920	2201	4960	4960AL	2268
WMG-PC3	0.375-0.500	2921S	2921AL	2522	4921	2202	4961	4961AL	2269
WMG-PC4	0.500-0.625	2922S	2922AL	2524	4922	2204	4962	—	2250
		2932S	2932AL	2534	4932	2209	4972	4972AL	2273
WMG-PC5	0.625-0.750	2941S	2941AL	2544	4941	2214	4981	4981AL	2255
		2922S	2922AL	2525	4922	2205	4962	—	2251
		2932S	2932AL	2535	4932	2210	4972	4972AL	2274
WMG-PC6	0.187-0.250	2941S	2941AL	2545	4941	2215	4981	4981AL	2256
		2930S	2930AL	2530	4930	2206	4970	4970AL	2252
WMG-PC7	0.250-0.375	2930S	2930AL	2531	4930	2207	4970	4970AL	2271
WMG-PC8	0.375-0.500			2541					
		2931S	2931AL	2532	4931	2208	4961	4961AL	2272
WMG-PC9	0.750-0.875	2940S	2940AL	2542	4940	2213	4980	4980AL	2254
				2536					2253
WMG-PC10	0.875-1.000			2546	4942	2216	4982	4982AL	2275
				2547					2276
WMG-PC11	0.875-1.000			2548					2257
				2558					2277
WMG-PC12	1.000-1.125			2548					2257
				2558					2277
				2549					2258
WMG-PC13	1.125-1.250			2559					2278
				2549			2258	2258	2219
				2559			2221		2278
WMG-PC14	1.125-1.250			2556			2258	2258	2219
				2563			2279	2279	2222
				2564					2283
WMG-PC15	1.250-1.375			2256					2279
				2564					2283
WMG-PC16*	1.375-1.500			2557					2280
WMG-PC17*	1.125-1.250			2573					2284

Cat. No.	Grip Range (in.)	Strain Relief Fitting	
		Straight T&B Steel	90° T&B Steel
WMG-PC18*	1.250-1.375	2573	2284
WMG-PC19*	1.375-1.500	2565	2285
		2574	
WMG-PC20*	1.500-1.625	2565	2285
		2574	
WMG-PC21*	1.625-1.750	2575	2286
WMG-PC22*	1.750-1.875	2575	2286

*Replacement Gland Nut supplied with these catalogue numbers only