

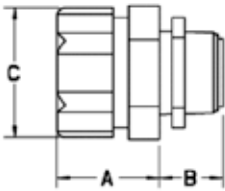
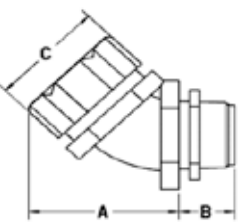
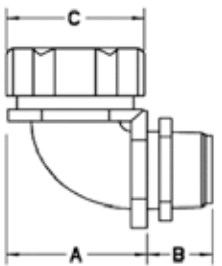
Technical Data

Approximate Dimensions

Series 52/53 Liquidtight Fittings

The dimensions in this table covers all T&B Liquidtight (T&B Series 52/53 Liquidtight Fittings) covering the following types:

- Series 5200/5300 Steel & Malleable Iron
- Series 5300SST6 Stainless Steel 316
- Series 5200AL Aluminum
- Series 5300-HT Steel & Malleable Iron
- Series 5300SSTHT Stainless Steel 316
- Series 5300-PT Steel
- 5300-NB Nickel Plated Brass

Approximate Dimensions Straight Fittings - NPT, PG, ISO Threads									
Trade Size			Inches			Millimeters			
Inches	Metric	ISO/BS EN	A	B	C	A	B	C	
	3/8	12	16	1 ⁵ / ₃₂	1 ¹ / ₂	9 ¹ / ₁₆	29.4	38.1	14.3
	1/2	16	20	1 ³ / ₈	1 ⁹ / ₁₆	9 ¹ / ₁₆	34.9	39.7	14.3
	3/4	21	25	1 ² / ₃₂	1 ⁵ / ₈	9 ¹ / ₁₆	42.1	41.3	14.3
	1	27	32	1 ⁷ / ₈	2 ¹ / ₁₆	3/4	47.6	52.4	19.1
	1 ¹ / ₄	35	40	2 ³ / ₃₂	2 ¹ / ₂	1 ³ / ₁₆	53.2	63.5	20.6
	1 ¹ / ₂	41	50	2 ²³ / ₃₂	2 ¹ / ₁₆	1 ³ / ₁₆	69.1	68.3	20.6
	2	53	63	3 ¹ / ₄	3 ¹ / ₁₆	7/8	82.6	77.8	22.2
	2 ¹ / ₂	63	70	3 ³ / ₄	4 ¹ / ₈	1	95.3	104.8	25.4
	3	78	80	4 ¹ / ₂	4 ¹ / ₄	1	114.3	108.0	25.4
	4	103	100	5 ¹ / ₂	4 ¹ / ₂	1 ¹ / ₈	139.7	114.3	28.6
	5	129	120	8 ³ / ₄	7	1 ¹ / ₈	222.3	177.8	47.6
	6	155	140	8 ³ / ₄	8 ¹ / ₂	2	222.3	215.9	50.8
45° Fittings - NPT, PG, ISO Threads									
	3/8	12	16	1 ⁵ / ₃₂	1 ⁹ / ₁₆	9 ¹ / ₁₆	29.4	39.7	14.3
	1/2	16	20	1 ³ / ₈	1 ⁷ / ₈	9 ¹ / ₁₆	34.9	73.0	14.3
	3/4	21	25	1 ² / ₃₂	2 ¹ / ₈	9 ¹ / ₁₆	42.1	54.0	14.3
	1	27	32	1 ⁷ / ₈	2 ¹ / ₄	3/4	47.6	57.2	19.1
	1 ¹ / ₄	35	40	2 ³ / ₃₂	2 ³ / ₄	1 ³ / ₁₆	53.2	69.9	20.6
	1 ¹ / ₂	41	50	2 ²³ / ₃₂	3 ³ / ₈	1 ³ / ₁₆	69.1	85.7	20.6
	2	53	63	3 ¹ / ₄	3 ⁷ / ₈	7/8	82.6	98.4	22.2
	2 ¹ / ₂	63	70	3 ³ / ₄	4 ¹ / ₄	1	95.3	108.0	25.4
	3	78	80	4 ¹ / ₂	4 ¹ / ₄	1	114.3	108.0	25.4
	4	103	100	5 ¹ / ₂	4 ¹ / ₂	1 ¹ / ₈	139.7	114.3	28.6
90° Fittings - NPT, PG, ISO Threads									
	3/8	12	16	1 ⁵ / ₃₂	1 ³ / ₈	9 ¹ / ₁₆	29.4	34.9	14.3
	1/2	16	20	1 ³ / ₈	1 ⁹ / ₁₆	9 ¹ / ₁₆	34.9	39.7	14.3
	3/4	21	25	1 ² / ₃₂	1 ³ / ₄	9 ¹ / ₁₆	42.1	44.5	14.3
	1	27	32	1 ⁷ / ₈	2 ³ / ₁₆	3/4	47.6	55.6	19.1
	1 ¹ / ₄	35	40	2 ³ / ₃₂	2 ³ / ₄	1 ³ / ₁₆	53.2	69.9	20.6
	1 ¹ / ₂	41	50	2 ²³ / ₃₂	2 ¹⁵ / ₁₆	1 ³ / ₁₆	69.1	74.6	20.6
	2	53	63	3 ¹ / ₄	3 ⁷ / ₁₆	7/8	82.6	87.3	22.2
	2 ¹ / ₂	63	70	3 ³ / ₄	8 ⁷ / ₈	1	95.3	225.4	25.4
	3	78	80	4 ¹ / ₂	10 ¹ / ₄	1	114.3	260.4	25.4
	4	103	100	5 ¹ / ₂	12 ⁵ / ₈	1 ¹ / ₈	139.7	320.7	28.6

Liquidtight flexible metal conduit

T&B Liquidtight Flexible Metallic Conduit are all designed to UL 360 ID and OD Dimensions to insure coordinated performance with Ser. 52/53 T&B Liquidtight Fittings



Part No.	Trade Size			Inches				Millimeters			
	UL	CSA	ISO/BS EN	Inside (ID)		Outside (OD)		Inside (ID)		Outside (OD)	
	Inches	mm	mm	Min	Max	Min	Max	Min	Max	Min	Max
LTxxS01x-*	3/8	12	16	0.484	0.504	0.690	0.710	12.3	12.8	17.5	18.0
LTxxS02x-*	1/2	16	20	0.622	0.642	0.820	0.840	15.8	16.3	20.8	21.3
LTxxS03x-*	3/4	21	25	0.820	0.840	1.030	1.050	20.8	21.3	26.2	26.7
LTxxS04x-*	1	27	32	1.041	1.066	1.290	1.315	26.4	27.1	32.8	33.4
LTGxx05x-*	1 1/4	35	40	1.380	1.410	1.630	1.660	35.1	35.8	41.4	42.2
LTxxS06x-*	1 1/2	41	50	1.575	1.600	1.865	1.900	40.0	40.6	47.4	48.3
LTxxS07x-*	2	53	63	2.020	2.045	2.340	2.375	51.3	51.9	59.4	60.3
LTxxS08x-*	2 1/2	63	70	2.480	2.505	2.840	2.875	63.0	63.6	72.1	73.0
LTxxS09x-*	3	78	80	3.070	3.100	3.460	3.500	78.0	78.7	87.9	88.8
LTxxS11x-*	4	103	100	4.000	4.040	4.460	4.500	101.6	102.6	113.3	114.3
LTxxS12x-*	5	129	---	4.975	5.035	5.505	5.565	126.4	127.9	139.8	141.4
LTxxS13x-*	6	155	---	6.015	6.075	6.565	6.625	152.8	154.3	166.8	168.3

Fitting Entry Knockout Dimensions

T&B Liquidtight Flexible Metallic Conduit Fittings

Through hole and knockout dimensions for liquidtight fittings

NPT				ISO Metric			
Trade Size	Actual Hole Diameter			Trade Size	Max	Actual Hole Diameter	
	Inches	Inches	mm			Min	Max
3/8"				M16	---	0.638	16.2
1/2"	7/8	0.885	22.5	M20	---	0.803	20.4
3/4"	---	1.115	28.3	M25	1	1.000	25.4
1"	---	1.362	34.6	M32	---	1.280	32.5
1 1/4"	1 1/16	1.701	43.2	M40	---	1.595	40.5
1 1/2"	1 5/16	1.951	49.6	M50	2	2.000	50.8
2"	2 3/8	2.416	61.5	M63	2 1/2	2.500	63.5
2 1/2"	2 7/8	2.914	74.0	---	---	---	---
3"	3 1/2	3.539	89.9	---	---	---	---
4"	4 1/2	4.544	115.4	---	---	---	---
5"	5 5/8	5.675	144.1	---	---	---	---
6"	---	6.813	173.1	---	---	---	---