

TECHNICAL DATA SHEET - INTERACTIVE PDF

Series 6300SST Type A Stainless Steel fittings

Liquid-tight fittings, straight, 45° and 90° elbows

T&B Liquidtight Systems®



01

02

03

01 Fitting, straight
02 Fitting, 45°
03 Fitting, 90°

Features & Benefits:

- Meets UL 514B for liquid tight fittings
- Trade sizes from ½" to 2" (16mm to 53mm)
- Available in straight and 90° elbows
- Available in 45° elbows from 1/2" to 1".
- NPT threads
- Provided with stainless steel locknut and liquid-tight seal gasket
- Ideal for use in highly corrosive environments

Applications:

- Designed to provide a liquid-tight and dust-tight connection between the fittings, conduits and enclosure wall
- For use in outdoor or indoor locations, and exposed to continuous or intermittent moisture
- Used to connect liquid-tight flexible non-metallic conduit Type A to boxes or enclosures
- Typical applications include raceway for general purpose industrial and commercial construction, machine OEMs, panel builders, indoor and outdoor installations

Materials / Finishes:

- Body: Type 316 stainless steel
- Gland: Type 304 stainless steel
- Locknut: Type 304 stainless steel
- Sealing Gasket: SS 316 Ring with thermoplastic seal

Liquid-tight Type A stainless steel fittings for use with Liquid-tight flexible non-metallic conduit Type A

Certifications / Standards:



[3-Part Specification](#)
[Tools and Calculators](#)

Conforms to:

- UL 514B
- CSA C22.2 No. 18
- RoHS (Restriction of Hazardous Substances)
 - European Directive 2011/65 and Commission Delegated Directive 2015/863

Ingress protection:

- Provides "Ingress Integrity" between enclosures, seal gaskets, fittings and conduits
- Ratings achieved when using T&B 6300SST Liquid-tight Fittings, TYPEA conduits and 526x Seal Gaskets
- Seal Gaskets must be used to achieve ingress ratings
- Covers all trade sizes ½" to 2" (16mm to 53mm)

UL & NEMA System Ingress Ratings

- UL Listed type ratings to UL 50E requirements
- UL FileNo.: E23018
 - Type 4, 4X, 12
- NEMA 250:
 - Type 4, 4X, 12

IEC System Ingress Ratings:

- IP Ingress protection per IEC 60529 requirements
- IP66, IP69

Table data:

- [Series 6300SST](#)

Series 6300SST Type A stainless steel fittings
For use with liquid-tight flexible non-metallic Type A conduit

Product selection - Sealing gasket and locknut included

Part no.	Style	Trade size			Thread Type	Type A conduits		SST supports	
		UL	CSA	ISO BS EN		General purpose (Orange)	Food & Beverage (Blue)	One hole	Two hole
		Inches	mm	mm					
6302SST	Straight	½"	16 mm	20 mm	½"	TYPEA50-200	TYPEAF50L-100	HS101-SS	HS901-SS
6303SST		¾"	21 mm	25 mm	¾"	TYPEA75-175	TYPEAF75L-100	HS102-SS	HS902-SS
6304SST		1"	27 mm	32 mm	1"	TYPEA100-100	TYPEAF100L-100	HS103-SS	HS903-SS
6305SST		1¼"	35 mm	40 mm	1¼"	TYPEA125-100	TYPEAF125L-100	HS104-SS	HS904-SS
6306SST		1½"	41 mm	50 mm	1½"	TYPEA150-100	TYPEAF150L-100	HS105-SS	HS905-SS
6377SST		2"	53 mm	63 mm	2"	TYPEA200-100	TYPEAF200L-100	HS106-SS	HS906-SS
6312SST	45°	½"	16 mm	20 mm	½"	TYPEA50-200	TYPEAF50L-100	HS101-SS	HS901-SS
6313SST		¾"	21 mm	25 mm	¾"	TYPEA75-175	TYPEAF75L-100	HS102-SS	HS902-SS
6314SST		1"	27 mm	32 mm	1"	TYPEA100-100	TYPEAF100L-100	HS103-SS	HS903-SS
6322SST	90°	½"	16 mm	20 mm	½"	TYPEA50-200	TYPEAF50L-100	HS101-SS	HS901-SS
6323SST		¾"	21 mm	25 mm	¾"	TYPEA75-175	TYPEAF75L-100	HS102-SS	HS902-SS
6324SST		1"	27 mm	32 mm	1"	TYPEA100-100	TYPEAF100L-100	HS103-SS	HS903-SS
6325SST		1¼"	35 mm	40 mm	1¼"	TYPEA125-100	TYPEAF125L-100	HS104-SS	HS904-SS
6326SST		1½"	41 mm	50 mm	1½"	TYPEA150-100	TYPEAF150L-100	HS105-SS	HS905-SS
6327SST		2"	53 mm	63 mm	2"	TYPEA200-100	TYPEAF200L-100	HS106-SS	HS906-SS

Note: Product must be installed in accordance with applicable national and local electrical codes.

Series 630xSST Type A stainless steel fittings
Straight fittings

Dimensions (approximate)

Drawing	Trade Size			Inches			Millimeters			Weight	
	UL	CSA	ISO BS EN	A	B	C	A	B	C	lbs	kg
	Inches	mm	mm								
	½"	16 mm	20 mm	1 ²⁵ / ₆₄ "	1 ⁹ / ₁₆ "	3 ⁹ / ₆₄ "	35.30	39.75	15.44	0.28	0.13
	¾"	21 mm	25 mm	1 ⁴⁵ / ₆₄ "	1 ¹⁹ / ₃₂ "	5 ⁸ / ₆₄ "	43.43	40.26	15.70	0.40	0.18
	1"	27 mm	32 mm	2 ¹ / ₃₂ "	1 ²⁵ / ₃₂ "	4 ⁹ / ₆₄ "	51.56	45.09	19.61	0.62	0.28
	1¼"	35 mm	40 mm	2 ⁹ / ₁₆ "	1 ²⁷ / ₃₂ "	5 ¹ / ₆₄ "	65.02	46.61	20.17	1.06	0.48
	1½"	41 mm	50 mm	2 ¹³ / ₁₆ "	2 ¹³ / ₆₄ "	1 ³ / ₁₆ "	71.30	55.78	20.60	1.22	0.55
	2"	53 mm	63 mm	3 ¹ / ₂ "	2 ²⁹ / ₆₄ "	2 ⁷ / ₃₂ "	88.90	62.33	21.41	2.24	1.02

Note: Product must be installed in accordance with applicable national and local electrical codes.

Series 631xSST Type A stainless steel fittings
45° fittings

Dimensions (approximate)

Drawing	Trade Size			Inches			Millimeters			Weight	
	UL	CSA	ISO BS EN	A	B	C	A	B	C	lbs	kg
	Inches	mm	mm								
	½"	16 mm	20 mm	1 ²⁵ / ₆₄ "	2 ⁹ / ₃₂ "	3 ⁹ / ₆₄ "	35.30	54.77	15.44	0.38	0.17
	¾"	21 mm	25 mm	1 ⁴⁵ / ₆₄ "	2 ²⁵ / ₆₄ "	5 ⁸ / ₆₄ "	43.43	60.72	15.70	0.52	0.24
	1"	27 mm	32 mm	2 ¹ / ₃₂ "	2 ²⁵ / ₃₂ "	4 ⁹ / ₆₄ "	51.56	70.64	19.61	0.82	0.37

Note: Product must be installed in accordance with applicable national and local electrical codes.

Series 632xSST Type A stainless steel fittings
90° fittings

Dimensions (approximate)

Drawing	Trade Size			Inches			Millimeters			Weight	
	UL	CSA	ISO BS EN	A	B	C	A	B	C	lbs	kg
	Inches	mm	mm								
	½"	16 mm	20 mm	1 ²⁵ / ₆₄ "	1 ²¹ / ₃₂ "	3 ⁹ / ₆₄ "	35.30	42.01	15.44	0.38	0.17
	¾"	21 mm	25 mm	1 ⁴⁵ / ₆₄ "	1 ⁶³ / ₆₄ "	5 ⁸ / ₆₄ "	43.43	50.09	15.70	0.56	0.25
	1"	27 mm	32 mm	2 ¹ / ₃₂ "	2 ⁹ / ₁₆ "	4 ⁹ / ₆₄ "	51.56	58.59	19.61	0.90	0.41
	1¼"	35 mm	40 mm	2 ⁹ / ₁₆ "	3 ¹ / ₆₄ "	5 ¹ / ₆₄ "	65.02	76.63	20.17	1.06	0.48
	1½"	41 mm	50 mm	2 ¹³ / ₁₆ "	3 ¹ / ₆₄ "	1 ³ / ₁₆ "	71.30	82.98	20.60	1.94	0.88
	2"	53 mm	63 mm	3 ¹ / ₂ "	3 ⁷ / ₈ "	2 ⁷ / ₃₂ "	88.90	98.53	21.41	3.52	1.60

Note: Product must be installed in accordance with applicable national and local electrical codes.

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Product search

