

SS304U & SS316U SERIES

304 & 316 STAINLESS STEEL UNION

ISO 4144 - CLASS 150

SPECIFICATION:

- Dimensions conform to ISO 4144
- Materials conform to ASTM A351
- Threads conform to ANSI/ASME B1.20.1

CERTIFICATION:

- NSF/ANSI Standard 372 Certified



MATERIAL LIST	
Name	Percent of Composition
304 Stainless Steel (ASTM A351)	
Iron (FE)	64.0 - 72.0
Carbon (C)	0.08 max
Silicone (Si)	2.00 max
Manganese (Mn)	1.50 max
Phosphorus (P)	0.04 max
Sulfur (S)	0.04 max
Chromium (Cr)	18.0 - 21.0
Nickel (Ni)	8.0 - 11.0
Molybdenum (Mo)	0.05 max

PRESSURE & TEMPERATURE RATING	
Temperature °F (°C)	Class 150, PSIG
-20 to 150 (-29 to 66)	300
200 (93)	265
250 (121)	225
300 (149)	185
350 (177)	150

MATERIAL LIST	
Name	Percent of Composition
316 Stainless Steel (ASTM A351)	
Iron (FE)	61.845 - 72.0
Carbon (C)	0.08 max
Silicone (Si)	1.00 max
Manganese (Mn)	2.00 max
Phosphorus (P)	0.045 max
Sulfur (S)	0.03 max
Chromium (Cr)	16.0 - 18.0
Nickel (Ni)	10.0 - 14.0
Molybdenum (Mo)	2.0 - 3.0

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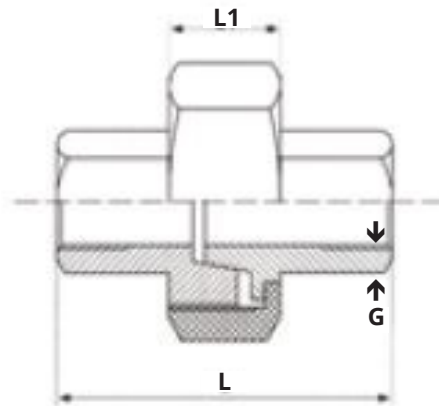
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DIMENSIONS									
Part No.	Part No.	Size	L		L1		G		Weight
304 S.S.	316 S.S.	FPT	inches	mm	inches	mm	inches	mm	grams
SS304U-01	SS316U-01	1/8"	1.18	30.00	0.51	13.00	0.06	1.50	50
SS304U-02	SS316U-02	1/4"	1.32	33.50	0.53	13.50	0.06	1.50	60
SS304U-03	SS316U-03	3/8"	1.44	36.50	0.59	15.00	0.06	1.50	100
SS304U-05	SS316U-05	1/2"	1.56	39.50	0.63	16.00	0.06	1.60	120
SS304U-07	SS316U-07	3/4"	1.67	42.50	0.67	17.00	0.07	1.70	200
SS304U-10	SS316U-10	1"	1.97	50.00	0.79	20.00	0.07	1.90	270
SS304U-12	SS316U-12	1-1/4"	2.13	54.00	0.87	22.00	0.09	2.20	450
SS304U-15	SS316U-15	1-1/2"	2.28	58.00	0.94	24.00	0.09	2.40	550
SS304U-20	SS316U-20	2"	2.56	65.00	1.06	27.00	0.11	2.70	900

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BII-SS304(316)U-0620(1651)