

SSH304U & SSH316U SERIES 304 & 316 STAINLESS STEEL UNION MSS SP114 - CLASS 150

SPECIFICATION:

- Dimensions conform to MSS SP114
- Dimensions conform to ANSI B16.39 - Unions
- Materials conform to ASTM A351
- Threads conform to ANSI/ASME B1.20.1

CERTIFICATION:

- CRN Canadian Registration Number Listed
- 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 RATINGS	
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



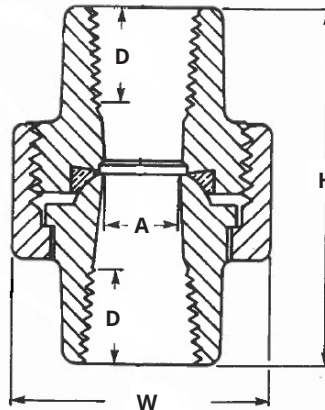
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SSH304U & SSH316U SERIES

304 & 316 STAINLESS STEEL UNION

MSS SP114 - CLASS 150



DIMENSIONS											
Part No. 304 S.S.	Part No. 316 S.S.	Size FPT	H		W		A		D		Weight grams
			inches	mm	inches	mm	inches	mm	inches	mm	
SSH304U-01	SSH316U-01	1/8"	1.26	32.00	0.93	23.62	0.21	5.33	0.30	7.62	70
SSH304U-02	SSH316U-02	1/4"	1.44	36.58	1.10	27.94	0.36	9.14	0.32	8.13	80
SSH304U-03	SSH316U-03	3/8"	1.61	40.89	1.26	32.00	0.52	13.21	0.36	9.14	110
SSH304U-05	SSH316U-05	1/2"	1.72	43.69	1.45	36.83	0.61	15.49	0.43	10.92	140
SSH304U-07	SSH316U-07	3/4"	1.94	49.28	1.71	43.43	0.80	20.32	5.00	127.00	220
SSH304U-10	SSH316U-10	1"	2.06	52.32	2.07	52.58	1.00	25.40	0.58	14.73	320
SSH304U-12	SSH316U-12	1-1/4"	2.26	57.40	2.50	63.50	1.31	33.27	0.67	17.02	480
SSH304U-15	SSH316U-15	1-1/2"	2.41	61.21	2.82	71.63	1.55	39.37	0.70	17.78	580
SSH304U-20	SSH316U-20	2"	2.75	69.85	3.41	86.61	2.03	51.56	0.75	19.05	930
SSH304U-25	SSH316U-25	2-1/2"	3.22	81.79	4.12	104.65	2.38	60.45	0.92	23.37	1580
SSH304U-30	SSH316U-30	3"	3.50	88.90	4.75	120.65	3.00	76.20	0.98	24.89	2060
SSH304U-40	SSH316U-40	4"	3.85	97.79	6.00	152.40	4.03	102.36	1.08	27.43	4290

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