

Building connections that last™



SCI®

Stainless Steel Bar Stock Fittings





1000# Bar Stock Fittings

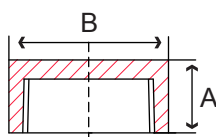
Specifications

- Stainless bar stock dimensions conform to MSS SP-114
- Stainless bar stock conforms to ASTM A276 Grade T304 & T316
- NPT threads conform to ASME B1.20.1
- Manufacturing facility is ISO 9001:2008 certified
- Fittings meet applicable chemical & mechanical properties



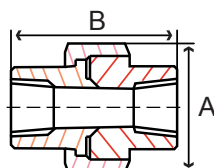
SCI ProPak™ System

Fig. S3414C & S3416C - Cap



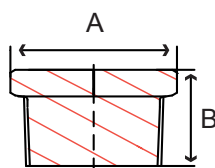
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414C 001BB	S3416C 001BB	0.68	0.62	0.05
1/4	S3414C 002BB	S3416C 002BB	0.68	0.74	0.07
3/8	S3414C 003BB	S3416C 003BB	0.80	0.86	0.09
1/2	S3414C 004BB	S3416C 004BB	0.93	1.05	0.1
3/4	S3414C 006BB	S3416C 006BB	1.05	1.29	0.4
1	S3414C 010BB	S3416C 010BB	1.35	1.60	0.5
1-1/4	S3414C 012BB	S3416C 012BB	1.60	1.95	0.6
1-1/2	S3414C 014BB	S3416C 014BB	1.60	2.15	0.6
2	S3414C 020BB	S3416C 020BB	1.74	2.71	1.2
2-1/2	S3414C 024BB	S3416C 024BB	2.34	3.32	3.5
3	S3414C 030BB	S3416C 030BB	2.54	4.10	6.2
4	S3414C 040BB	S3416C 040BB	2.65	5.07	9.2

Fig. S3414U & S3416U - Union



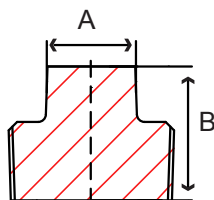
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414U 001BB	S3416U 001BB	1.17	1.48	0.2
1/4	S3414U 002BB	S3416U 002BB	1.17	1.48	0.2
3/8	S3414U 003BB	S3416U 003BB	1.37	1.60	0.3
1/2	S3414U 004BB	S3416U 004BB	1.48	1.91	0.4
3/4	S3414U 006BB	S3416U 006BB	1.79	1.92	0.6
1	S3414U 010BB	S3416U 010BB	2.11	2.34	0.9
1-1/4	S3414U 012BB	S3416U 012BB	2.48	2.59	1.3
1-1/2	S3414U 014BB	S3416U 014BB	2.96	2.96	2.2
2	S3414U 020BB	S3416U 020BB	3.59	3.04	2.9
2-1/2	S3414U 024BB	S3416U 024BB	4.46	3.71	5.1
3	S3414U 030BB	S3416U 030BB	5.32	4.06	8.4
4	S3414U 040BB	S3416U 040BB	6.67	4.37	11.8

Fig. S3414HP & S3416HP - Hex Head Plug



Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414HP001BB	S3416HP001BB	0.50	0.62	0.02
1/4	S3414HP002BB	S3416HP002BB	0.56	0.74	0.07
3/8	S3414HP003BB	S3416HP003BB	0.66	0.87	0.1
1/2	S3414HP004BB	S3416HP004BB	0.75	0.92	0.1
3/4	S3414HP006BB	S3416HP006BB	0.84	1.05	0.2
1	S3414HP010BB	S3416HP010BB	1.00	1.13	0.4
1-1/4	S3414HP012BB	S3416HP012BB	1.09	1.37	0.9
1-1/2	S3414HP014BB	S3416HP014BB	1.13	1.44	1.2
2	S3414HP020BB	S3416HP020BB	1.22	1.70	2.2
2-1/2	S3414HP024BB	S3416HP024BB	1.49	1.79	2.7
3	S3414HP030BB	S3416HP030BB	1.53	1.93	5.6
4	S3414HP040BB	S3416HP040BB	1.75	2.22	10.1

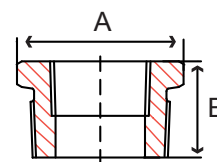
Fig. S3414SP & S3416SP - Square Head Plug



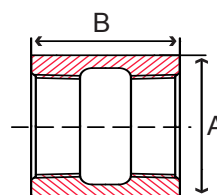
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414SP001BB	S3416SP001BB	0.62	0.27	0.02
1/4	S3414SP002BB	S3416SP002BB	0.70	0.39	0.04
3/8	S3414SP003BB	S3416SP003BB	0.84	0.47	0.07
1/2	S3414SP004BB	S3416SP004BB	0.98	0.55	0.1
3/4	S3414SP006BB	S3416SP006BB	1.05	0.66	0.2
1	S3414SP010BB	S3416SP010BB	1.25	0.82	0.3
1-1/4	S3414SP012BB	S3416SP012BB	1.37	0.94	0.5
1-1/2	S3414SP014BB	S3416SP014BB	1.44	1.12	0.7
2	S3414SP020BB	S3416SP020BB	1.56	1.30	1.1
2-1/2	S3414SP024BB	S3416SP024BB	1.79	1.48	2.5
3	S3414SP030BB	S3416SP030BB	1.91	1.68	3.9
4	S3414SP040BB	S3416SP040BB	2.22	2.48	7.2

Fig. S3414HB & S3416HB - Hex Bushing

Size in	Part Number		A in	B in	Weight lb
	304	316			
1/4 x 1/8	S3414HB002001BB	S3416HB002001BB	0.62	0.65	0.07
3/8 x 1/8	S3414HB003001BB	S3416HB003001BB	0.68	0.74	0.07
3/8 x 1/4	S3414HB003002BB	S3416HB003002BB	0.68	0.74	0.04
1/2 x 1/8	S3414HB004001BB	S3416HB004001BB	0.86	0.81	0.1
1/2 x 1/4	S3414HB004002BB	S3416HB004002BB	0.86	0.81	0.09
1/2 x 3/8	S3414HB004003BB	S3416HB004003BB	0.86	0.81	0.07
3/4 x 1/8	S3414HB006001BB	S3416HB006001BB	1.05	0.97	0.2
3/4 x 1/4	S3414HB006002BB	S3416HB006002BB	1.05	0.97	0.1
3/4 x 3/8	S3414HB006003BB	S3416HB006003BB	1.05	0.97	0.1
3/4 x 1/2	S3414HB006004BB	S3416HB006004BB	1.05	0.97	0.1
1 x 1/8	S3414HB010001BB	S3416HB010001BB	1.37	1.05	0.3
1 x 1/4	S3414HB010002BB	S3416HB010002BB	1.37	1.05	0.3
1 x 3/8	S3414HB010003BB	S3416HB010003BB	1.37	1.05	0.3
1 x 1/2	S3414HB010004BB	S3416HB010004BB	1.37	1.05	0.2
1 x 3/4	S3414HB010006BB	S3416HB010006BB	1.37	1.05	0.1
1-1/4 x 1/8	S3414HB012001BB	S3416HB012001BB	1.72	1.15	0.6
1-1/4 x 1/4	S3414HB012002BB	S3416HB012002BB	1.72	1.15	0.6
1-1/4 x 3/8	S3414HB012003BB	S3416HB012003BB	1.72	1.15	0.6
1-1/4 x 1/2	S3414HB012004BB	S3416HB012004BB	1.72	1.15	0.6
1-1/4 x 3/4	S3414HB012006BB	S3416HB012006BB	1.72	1.15	0.4
1-1/4 x 1	S3414HB012010BB	S3416HB012010BB	1.72	1.15	0.3
1-1/2 x 1/8	S3414HB014001BB	S3416HB014001BB	1.95	1.21	0.9
1-1/2 x 1/4	S3414HB014002BB	S3416HB014002BB	1.95	1.21	0.9
1-1/2 x 3/8	S3414HB014003BB	S3416HB014003BB	1.95	1.21	0.9
1-1/2 x 1/2	S3414HB014004BB	S3416HB014004BB	1.95	1.21	0.8
1-1/2 x 3/4	S3414HB014006BB	S3416HB014006BB	1.95	1.21	0.7
1-1/2 x 1	S3414HB014010BB	S3416HB014010BB	1.95	1.21	0.6
1-1/2 x 1-1/4	S3414HB014012BB	S3416HB014012BB	1.95	1.21	0.3
2 x 1/4	S3414HB020002BB	S3416HB020002BB	2.46	1.37	1.7
2 x 3/8	S3414HB020003BB	S3416HB020003BB	2.46	1.37	1.6
2 x 1/2	S3414HB020004BB	S3416HB020004BB	2.46	1.37	1.6
2 x 3/4	S3414HB020006BB	S3416HB020006BB	2.46	1.37	1.5
2 x 1	S3414HB020010BB	S3416HB020010BB	2.46	1.37	1.3
2 x 1-1/4	S3414HB020012BB	S3416HB020012BB	2.46	1.37	1.0
2 x 1-1/2	S3414HB020014BB	S3416HB020014BB	2.46	1.37	0.8
2-1/2 x 1/2	S3414HB024004BB	S3416HB024004BB	2.93	1.44	2.4
2-1/2 x 3/4	S3414HB024006BB	S3416HB024006BB	2.93	1.44	2.4
2-1/2 x 1	S3414HB024010BB	S3416HB024010BB	2.93	1.44	2.2
2-1/2 x 1-1/4	S3414HB024012BB	S3416HB024012BB	2.93	1.44	2.4
2-1/2 x 1-1/2	S3414HB024012BB	S3416HB024012BB	2.93	1.44	1.6
2-1/2 x 2	S3414HB024020BB	S3416HB024020BB	2.93	1.44	0.9
3 x 1	S3414HB030010BB	S3416HB030010BB	3.47	1.48	3.7
3 x 1-1/4	S3414HB030012BB	S3416HB030012BB	3.47	1.48	4.9
3 x 1-1/2	S3414HB030014BB	S3416HB030014BB	3.47	1.48	2.5
3 x 2	S3414HB030020BB	S3416HB030020BB	3.47	1.48	2.3
3 x 2-1/2	S3414HB030024BB	S3416HB030024BB	3.47	1.48	1.6
4 x 1	S3414HB040010BB	S3416HB040010BB	4.58	1.76	10.5
4 x 1-1/4	S3414HB040012BB	S3416HB040012BB	4.58	1.76	10.2
4 x 1-1/2	S3414HB040014BB	S3416HB040014BB	4.58	1.76	6.9
4 x 2	S3414HB040020BB	S3416HB040020BB	4.58	1.76	6.1
4 x 2-1/2	S3414HB040024BB	S3416HB040024BB	4.58	1.76	5.2
4 x 3	S3414HB040030BB	S3416HB040030BB	4.58	1.76	3.7

**Fig. S3414CP & S3416CP - Full Coupling**

Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414CP001BB	S3416CP001BB	0.62	1.00	0.07
1/4	S3414CP002BB	S3416CP002BB	0.74	1.00	0.09
3/8	S3414CP003BB	S3416CP003BB	0.86	1.12	0.1
1/2	S3414CP004BB	S3416CP004BB	1.05	1.38	0.2
3/4	S3414CP006BB	S3416CP006BB	1.29	1.50	0.2
1	S3414CP010BB	S3416CP010BB	1.62	1.62	0.4
1-1/4	S3414CP012BB	S3416CP012BB	1.87	2.00	0.5
1-1/2	S3414CP014BB	S3416CP014BB	2.16	2.12	0.7
2	S3414CP020BB	S3416CP020BB	2.71	2.50	1.4
2-1/2	S3414CP024BB	S3416CP024BB	3.38	2.86	2.6
3	S3414CP030BB	S3416CP030BB	3.96	3.17	3.8
4	S3414CP040BB	S3416CP040BB	5.05	3.68	6.8



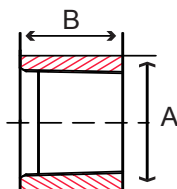


Fig. S3414HC & S3416HC - Half Coupling

Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414HC001BB	S3416HC001BB	0.74	0.50	0.03
1/4	S3414HC002BB	S3416HC002BB	0.74	0.56	0.04
3/8	S3414HC003BB	S3416HC003BB	0.86	0.56	0.07
1/2	S3414HC004BB	S3416HC004BB	1.05	0.70	0.1
3/4	S3414HC006BB	S3416HC006BB	1.29	0.74	0.1
1	S3414HC010BB	S3416HC010BB	1.62	0.80	0.2
1-1/4	S3414HC012BB	S3416HC012BB	1.87	1.00	0.2
1-1/2	S3414HC014BB	S3416HC014BB	2.26	1.05	0.3
2	S3414HC020BB	S3416HC020BB	2.74	1.25	0.7
2-1/2	S3414HC024BB	S3416HC024BB	3.32	1.42	1.3
3	S3414HC030BB	S3416HC030BB	4.00	1.58	1.8
4	S3414HC040BB	S3416HC040BB	5.05	1.83	3.1

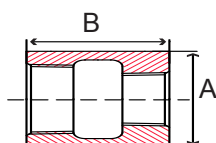
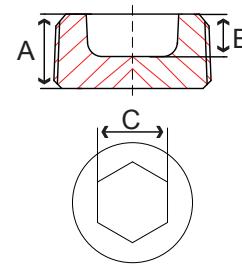


Fig. S3414RC & S3416RC - Reducing Coupling

Size in	Part Number		A in	B in	Weight lb
	304	316			
1/4 x 1/8	S3414RC002001BB	S3416RC002001BB	0.74	1.00	0.1
3/8 x 1/8	S3414RC003001BB	S3416RC003001BB	0.86	1.12	0.1
3/8 x 1/4	S3414RC003002BB	S3416RC003002BB	0.86	1.12	0.1
1/2 x 1/8	S3414RC004001BB	S3416RC004001BB	1.05	1.38	0.2
1/2 x 1/4	S3414RC004002BB	S3416RC004002BB	1.05	1.38	0.2
1/2 x 3/8	S3414RC004003BB	S3416RC004003BB	1.05	1.38	0.2
3/4 x 1/8	S3414RC006001BB	S3416RC006001BB	1.29	1.50	0.7
3/4 x 1/4	S3414RC006002BB	S3416RC006002BB	1.29	1.50	0.3
3/4 x 3/8	S3414RC006003BB	S3416RC006003BB	1.29	1.50	0.3
3/4 x 1/2	S3414RC006004BB	S3416RC006004BB	1.29	1.50	0.3
1 x 1/8	S3414RC010001BB	S3416RC010001BB	1.64	1.62	0.8
1 x 1/4	S3414RC010002BB	S3416RC010002BB	1.64	1.62	0.6
1 x 3/8	S3414RC010003BB	S3416RC010003BB	1.64	1.62	0.6
1 x 1/2	S3414RC010004BB	S3416RC010004BB	1.64	1.62	0.5
1 x 3/4	S3414RC010006BB	S3416RC010006BB	1.64	1.62	0.5
1-1/4 x 1/8	S3414RC012001BB	S3416RC012001BB	1.87	2.00	1.1
1-1/4 x 1/4	S3414RC012002BB	S3416RC012002BB	1.87	2.00	1.1
1-1/4 x 3/8	S3414RC012003BB	S3416RC012003BB	1.87	2.00	1.1
1-1/4 x 1/2	S3414RC012004BB	S3416RC012004BB	1.87	2.00	1.0
1-1/4 x 3/4	S3414RC012006BB	S3416RC012006BB	1.87	2.00	0.9
1-1/4 x 1	S3414RC012010BB	S3416RC012010BB	1.87	2.00	0.9
1-1/2 x 1/8	S3414RC014001BB	S3416RC014001BB	2.24	2.12	1.3
1-1/2 x 1/4	S3414RC014002BB	S3416RC014002BB	2.24	2.12	1.4
1-1/2 x 3/8	S3414RC014003BB	S3416RC014003BB	2.24	2.12	1.2
1-1/2 x 1/2	S3414RC014004BB	S3416RC014004BB	2.24	2.12	1.2
1-1/2 x 3/4	S3414RC014006BB	S3416RC014006BB	2.24	2.12	1.1
1-1/2 x 1	S3414RC014010BB	S3416RC014010BB	2.24	2.12	1.0
1-1/2 x 1-1/4	S3414RC014012BB	S3416RC014012BB	2.24	2.12	0.8
2 x 3/8	S3414RC020003BB	S3416RC020003BB	2.71	2.50	2.6
2 x 1/2	S3414RC020004BB	S3416RC020004BB	2.71	2.50	2.5
2 x 3/4	S3414RC020006BB	S3416RC020006BB	2.71	2.50	2.4
2 x 1	S3414RC020010BB	S3416RC020010BB	2.71	2.50	2.3
2 x 1-1/4	S3414RC020012BB	S3416RC020012BB	2.71	2.50	2.0
2 x 1-1/2	S3414RC020014BB	S3416RC020014BB	2.71	2.50	1.8
2-1/2 x 1-1/2	S3414RC024014BB	S3416RC024014BB	3.32	2.87	5.1
2-1/2 x 2	S3414RC024020BB	S3416RC024020BB	3.32	2.87	3.5
3 x 1	S3414RC030010BB	S3416RC030010BB	4.10	3.18	8.8
3 x 1-1/2	S3414RC030014BB	S3416RC030014BB	4.10	3.18	7.9
3 x 2	S3414RC030020BB	S3416RC030020BB	4.10	3.18	7.5
3 x 2-1/2	S3414RC030024BB	S3416RC030024BB	4.10	3.18	6.5
4 x 2	S3414RC040020BB	S3416RC040020BB	5.07	3.68	14.5
4 x 3	S3414RC040030BB	S3416RC040030BB	5.07	3.68	15.6

Fig. S3514CH & S3516CH - Short Counter Sunk Hex Plug

Size in	Part Number		A in	B in	C in	Weight lb
	302 / 304*	316				
1/16	S3514CH000	S3516CH000	0.25	0.09	0.15	0.006
1/8	S3514CH001	S3516CH001	0.26	0.09	0.18	0.01
1/4	S3514CH002	S3516CH002	0.39	0.16	0.25	0.02
3/8	S3514CH003	S3516CH003	0.39	0.16	0.31	0.03
1/2	S3514CH004	S3516CH004	0.52	0.19	0.37	0.06
3/4	S3514CH006	S3516CH006	0.53	0.19	0.56	0.08
1	S3514CH010	S3516CH010	0.67	0.25	0.62	0.2
1-1/4	S3514CH012	S3516CH012	0.69	0.37	0.75	0.3
1-1/2	S3514CH014	S3516CH014	0.80	0.37	1.00	0.4
2	S3514CH020	S3516CH020	0.87	0.37	1.00	0.9



* 1/16 to 3/4 are 302 Stainless Steel 1 - 2 are 304 Stainless Steel



SCI ProPak™ System



About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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