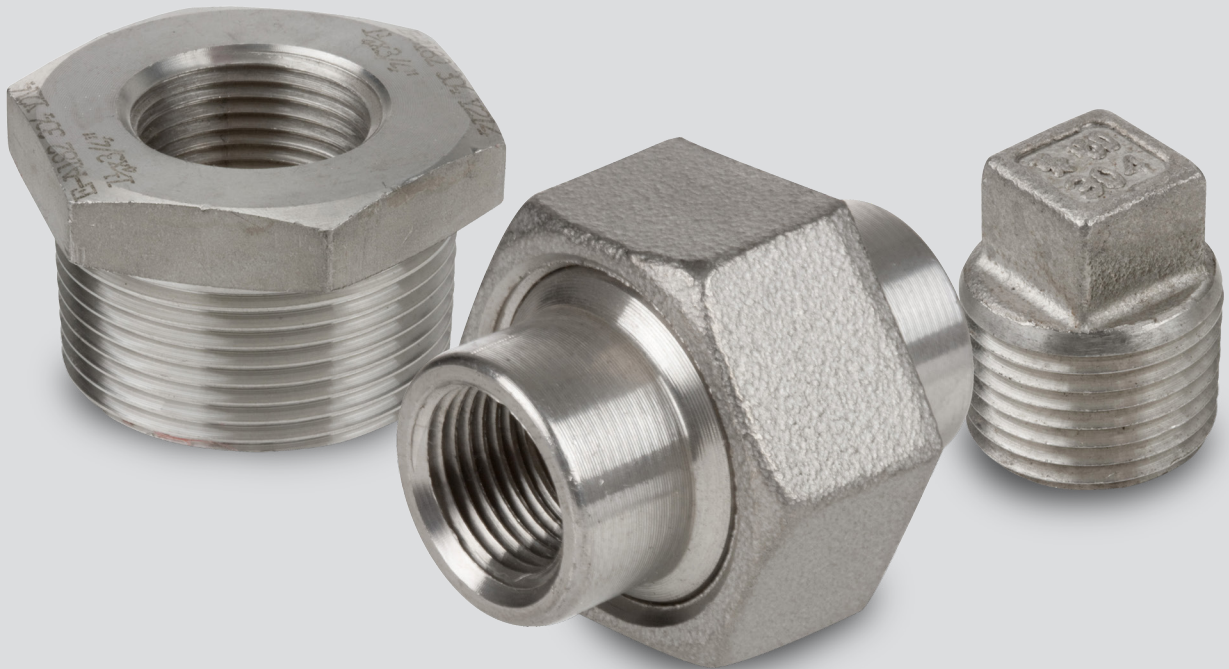


Stainless Steel Bar Stock Fittings





1000# Bar Stock Fittings

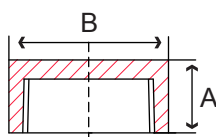
Specifications

- 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



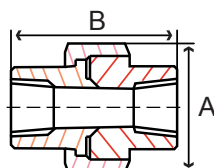
SCI ProPak™ System

Fig. S3414C & S3416C - Cap



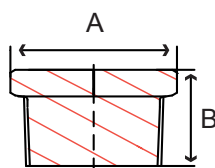
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414C 001BB	S3416C 001BB	0.68	0.62	0.05
1/4	S3414C 002BB	S3416C 002BB	0.68	0.74	0.07
3/8	S3414C 003BB	S3416C 003BB	0.80	0.86	0.09
1/2	S3414C 004BB	S3416C 004BB	0.93	1.05	0.1
3/4	S3414C 006BB	S3416C 006BB	1.05	1.29	0.4
1	S3414C 010BB	S3416C 010BB	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



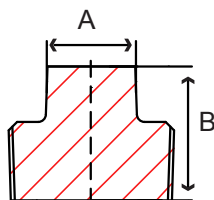
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414U 001BB	S3416U 001BB	1.17	1.48	0.2
1/4	S3414U 002BB	S3416U 002BB	1.17	1.48	0.2
3/8	S3414U 003BB	S3416U 003BB	1.37	1.60	0.3
1/2	S3414U 004BB	S3416U 004BB	1.48	1.91	0.4
3/4	S3414U 006BB	S3416U 006BB	1.79	1.92	0.6
1	S3414U 010BB	S3416U 010BB	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

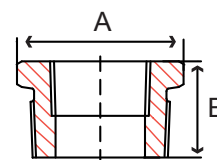
Fig. S3414SP & S3416SP - Square Head Plug



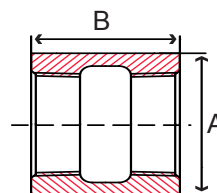
Size in	Part Number		A in	B in	Weight lb
	304	316			
1/8	S3414SP001BB	S3416SP001BB	0.62	0.27	0.02
1/4	S3414SP002BB	S3416SP002BB	0.70	0.39	0.04
3/8	S3414SP003BB	S3416SP003BB	0.84	0.47	0.07
1/2	S3414SP004BB	S3416SP004BB	0.98	0.55	0.1
3/4	S3414SP006BB	S3416SP006BB	1.05	0.66	0.2
1	S3414SP010BB	S3416SP010BB	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



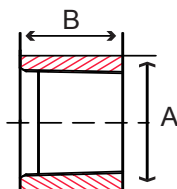


Fig. S3414HC & S3416HC - Half Coupling

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

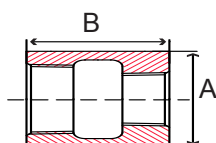
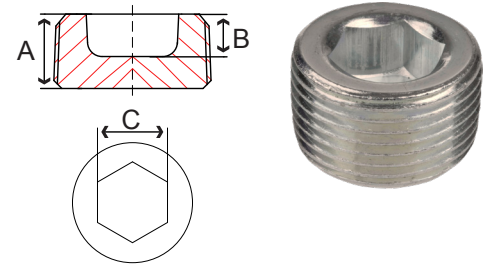


Fig. S3414RC & S3416RC - Reducing Coupling

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



 **ProPak™ System**

