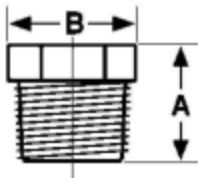




ASTM SA105N, NORMALIZED (Material), ASME B16.11 (Dimensions are either minimum or set by factory), ASME B1.20.1 (Threads)
 MSI Forged Steel Pipe Fittings meet the following specifications: ASME B16.11; ASME B1.20.1; ASTM A105

Forged Steel Hex Bushings



Size	A	B	MSI Item	Weight	Size	A	B	MSI Item	Weight
1/4" x 1/8"	0.67	0.62	A244000402	0.02	2 1/2" x 1/2"	1.81	2.87	A244004008	1.19
3/8" x 1/8"	0.75	0.63	A244000602	0.04	2 1/2" x 3/4"	1.81	2.87	A244004012	1.19
3/8" x 1/4"	0.75	0.63	A244000604	0.04	2 1/2" x 1"	1.81	2.87	A244004016	1.19
1/2" x 1/8"	0.83	0.91	A244000802	0.06	2 1/2" x 1 1/4"	1.81	2.87	A244004020	1.19
1/2" x 1/4"	0.83	0.91	A244000804	0.06	2 1/2" x 1 1/2"	1.81	2.87	A244004024	1.19
1/2" x 3/8"	0.75	0.91	A244000806	0.06	2 1/2" x 2"	1.81	2.87	A244004032	1.19
3/4" x 1/8"	0.91	1.06	A244001202	0.11	3" x 1"	1.93	3.50	A244004816	2.56
3/4" x 1/4"	0.91	1.06	A244001204	0.11	3" x 1 1/4"	1.93	3.50	A244004820	2.56
3/4" x 3/8"	0.91	1.06	A244001206	0.11	3" x 1 1/2"	1.93	3.50	A244004824	2.56
3/4" x 1/2"	0.91	1.06	A244001208	0.11	3" x 2"	1.93	3.50	A244004832	2.56
1" x 1/8"	1.02	1.38	A244001602	0.19	3" x 2 1/2"	1.93	3.50	A244004840	2.56
1" x 1/4"	1.02	1.38	A244001604	0.19	4" x 1"	2.24	4.50	A244006416	7.06
1" x 3/8"	1.02	1.38	A244001606	0.19	4" x 1 1/4"	2.24	4.50	A244006420	7.06
1" x 1/2"	1.02	1.38	A244001608	0.19	4" x 1 1/2"	2.24	4.50	A244006424	7.06
1" x 3/4"	1.02	1.38	A244001612	0.19	4" x 2"	2.24	4.50	A244006432	7.06
1 1/4" x 1/4"	1.10	1.77	A244002004	0.39	4" x 2 1/2"	2.24	4.50	A244006440	7.06
1 1/4" x 3/8"	1.10	1.77	A244002006	0.39	4" x 3"	2.24	4.50	A244006448	7.06
1 1/4" x 1/2"	1.10	1.77	A244002008	0.39					
1 1/4" x 3/4"	1.10	1.77	A244002012	0.39					
1 1/4" x 1"	1.10	1.77	A244002016	0.39					
1 1/2" x 1/4"	1.14	1.97	A244002404	0.63					
1 1/2" x 3/8"	1.14	1.97	A244002406	0.63					
1 1/2" x 1/2"	1.14	1.97	A244002408	0.63					
1 1/2" x 3/4"	1.14	1.97	A244002412	0.63					
1 1/2" x 1"	1.14	1.97	A244002416	0.63					
1 1/2" x 1 1/4"	1.14	1.97	A244002420	0.63					
2" x 3/8"	1.22	2.36	A244003206	0.79					
2" x 1/2"	1.22	2.36	A244003208	0.79					
2" x 3/4"	1.22	2.36	A244003212	0.79					
2" x 1"	1.22	2.36	A244003216	0.79					
2" x 1 1/4"	1.22	2.36	A244003220	0.79					
2" x 1 1/2"	1.22	2.36	A244003224	0.79					