

Merchant Steel Bushings, Caps and Plugs

Fig. Hex Bushings

Fig. Countersunk Plugs Square, Hex Socket

Hex Bushings



Nominal Pipe Size		Overall Length		Width Across Flats		Unit Weight	
NPS	DN	in	mm	in	mm	lbs	kg
1/4 x 1/8	8 x 6	0.625	16	0.625	16	0.02	0.01
3/8 x 1/8	10 x 6	0.750	19	0.687	17	0.05	0.02
3/8 x 1/4	10 x 8	0.750	19	0.687	17	0.03	0.01
1/2 x 1/8	15 x 6	0.875	22	0.875	22	0.11	0.05
1/2 x 1/4	15 x 8	0.875	22	0.875	22	0.05	0.02
1/2 x 3/8	15 x 10	0.875	22	0.875	22	0.06	0.03
3/4 x 1/8	20 x 6	1.000	25	1.062	27	0.21	0.10
3/4 x 1/4	20 x 8	1.000	25	1.062	27	0.18	0.08
3/4 x 3/8	20 x 10	1.000	25	1.062	27	0.15	0.07
3/4 x 1/2	20 x 15	1.000	25	1.062	27	0.10	0.05
1 x 1/8	25 x 6	1.062	27	1.375	35	0.19	0.09
1 x 1/4	25 x 8	1.062	27	1.375	35	0.19	0.09
1 x 3/8	25 x 10	1.062	27	1.375	35	0.19	0.09
1 x 1/2	25 x 15	1.062	27	1.375	35	0.19	0.09
1 x 3/4	25 x 20	1.062	27	1.375	35	0.19	0.09

Threads per ASME B1.20.1

Finish or Coating:

- Black, dipped in rust resistant;
- Zinc electroplated per ASTM B633. For sizes 1 1/4" (32 DN) and larger, see malleable, cast iron and forged steel fittings.

Countersunk Plugs

Square Hex Socket



Nominal Pipe Size		Min. Thread Length		Min. Size of Socket				Metal Thickness Bottom Countersunk		Threads		Unit Weight			
NPS	DN	in	mm	Square		Hex		in	mm	in	mm	Square		Hex	
				in	mm	in	mm					lbs	kg	lbs	kg
1/8	6	0.37	9	—	—	3/16	5	0.06	0.06	27	686	0.02	0.01	0.02	0.01
1/4	8	0.44	11	1/4	6	1/4	6	0.09	0.09	18	457	0.04	0.02	0.04	0.02
3/8	10	0.48	12	5/16	8	5/16	8	0.13	0.13	18	457	0.06	0.03	0.06	0.03
1/2	15	0.56	14	3/8	10	3/8	10	0.16	0.16	14	356	0.12	0.05	0.12	0.05
3/4	20	0.63	16	1/2	8	9/16	14	0.18	0.18	14	356	0.19	0.09	0.19	0.09
1	25	0.75	19	1/2	8	5/8	16	0.20	0.20	11 1/2	292	0.22	0.10	0.21	0.10
1 1/4	32	0.80	20	3/4	19	3/4	19	0.22	0.22	11 1/2	292	0.37	0.17	0.38	0.17
1 1/2	40	0.83	21	3/4	19	1	25	0.24	0.24	11 1/2	292	0.47	0.21	0.44	0.20
2	50	0.88	22	7/8	22	1	25	0.26	0.26	11 1/2	292	0.84	0.38	0.85	0.39

Threads per ASME B1.20.1

Finish or Coating:

- Black, dipped in rust resistant;
- Zinc electroplated per ASTM B633

PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	