

INCH-POUND  
MS14315C  
w/AMENDMENT 1  
11 August 2011  
SUPERSEDING  
MS14315C  
30 May 2007

DETAIL SPECIFICATION SHEET

BUSHINGS, PIPE, BRASS OR BRONZE, THREADED  
(OUTSIDE HEAD, INSIDE HEAD, AND FACE)  
CLASS 250

This specification is approved for use by all Departments and  
Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet  
and WW-P-460.

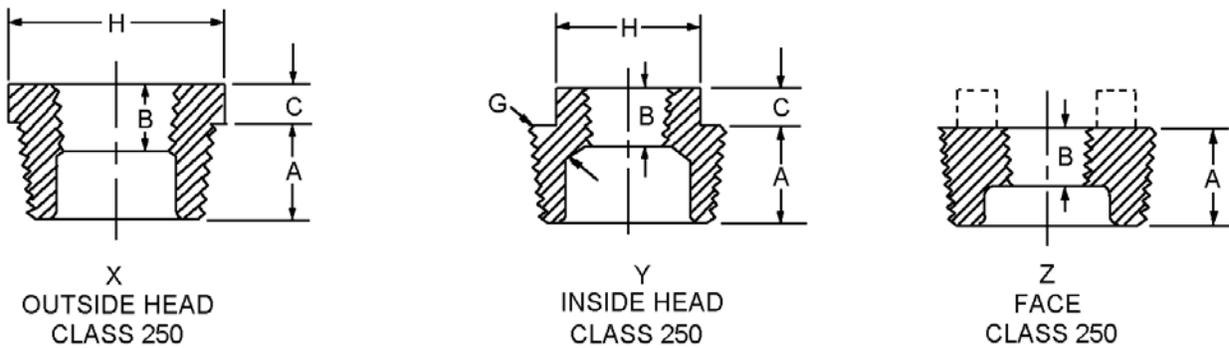


FIGURE 1. Bushing dimensions and configurations.

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Dash number	Nominal pipe size fractional (inch)	Nominal pipe size decimal (inch)	Nominal pipe size metric (mm)
-1	1/4 X 1/8	.250 X .125	6.35 X 3.18
-2	3/8 X 1/4	.375 X .250	9.53 X 6.35
-3	3/8 X 1/8	.375 X .125	9.53 X 3.18
-4	1/2 X 3/8	.500 X .375	12.70 X 9.53
-5	1/2 X 1/4	.500 X .250	12.70 X 6.35
-6	1/2 X 1/8	.500 X .125	12.70 X 3.18
-7	3/4 X 1/2	.750 X .500	19.05 X 12.70
-8	3/4 X 3/8	.750 X .375	19.05 X 9.53
-9	3/4 X 1/4	.750 X .250	19.05 X 6.35
-10	1 X 3/4	1.000 X .750	25.40 X 19.05
-11	1 X 1/2	1.000 X .500	25.40 X 12.70
-12	1 X 3/8	1.000 X .375	25.40 X 9.53
-13	1 X 1/4	1.000 X .250	25.40 X 6.35
-14	1 1/4 X 1	1.250 X 1.000	31.75 X 25.40
-15	1 1/4 X 3/4	1.250 X .750	31.75 X 19.05
-16	1 1/4 X 1/2	1.250 X .500	31.75 X 12.70
-17	1 1/4 X 3/8	1.250 X .375	31.75 X 9.53
-18	1 1/2 X 1 1/4	1.500 X 1.250	38.10 X 31.75
-19	1 1/2 X 1	1.500 X 1.000	38.10 X 25.40
-20	1 1/2 X 3/4	1.500 X .750	38.10 X 19.05
-21	1 1/2 X 1/2	1.500 X .500	38.10 X 12.70
-22	2 X 1 1/2	2.000 X 1.500	50.80 X 38.10
-23	2 X 1 1/4	2.000 X 1.250	50.80 X 31.75
-24	2 X 1	2.000 X 1.000	50.80 X 25.40
-25	2 X 3/4	2.000 X .750	50.80 X 19.05
-26	2 X 1/2	2.000 X .500	50.80 X 12.70
-27	2 1/2 X 2	2.500 X 2.000	63.50 X 50.80
-28	2 1/2 X 1 1/2	2.500 X 1.500	63.50 X 38.10
-29	2 1/2 X 1 1/4	2.500 X 1.250	63.50 X 31.75
-30	2 1/2 X 1	2.500 X 1.000	63.50 X 25.40
-31	3 X 2 1/2	3.000 X 2.500	76.20 X 63.50
-32	3 X 2	3.000 X 2.000	76.20 X 50.80
-33	3 X 1 1/2	3.000 X 1.500	76.20 X 38.10
-34	3 X 1 1/4	3.000 X 1.250	76.20 X 31.75
-35	4 X 3	4.000 X 3.000	101.60 X 76.20
-36	4 X 2 1/2	4.000 X 2.500	101.60 X 63.50
-37	4 X 2	4.000 X 2.000	101.60 X 50.80
-38	4 X 1 1/2	4.000 X 1.500	101.60 X 38.10

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Dimensions including A, B, C, G, and H shall be in accordance with ASME B16.15.
4. Threading. In accordance with ASME B16.15.

FIGURE 1. Bushing dimensions and configurations - Continued.

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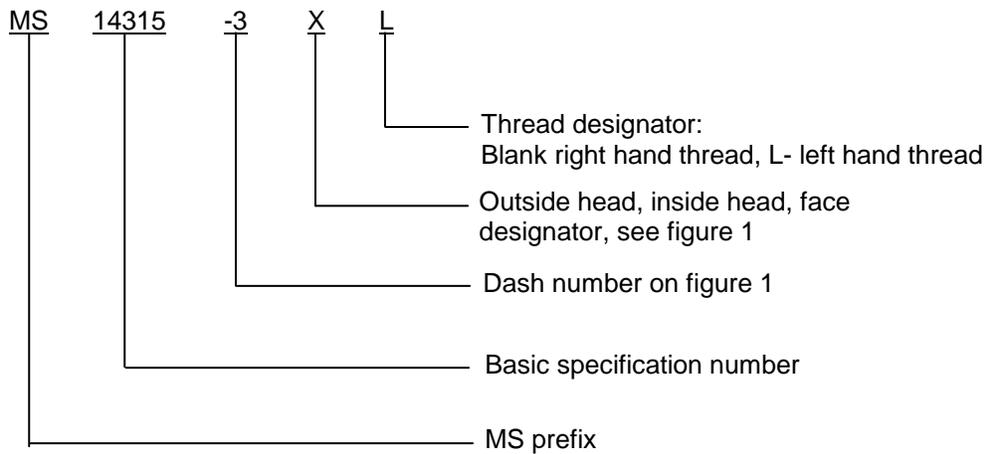
REQUIREMENTS

Material. Brass or bronze in accordance with ASME B16.15.

Finish. None.

Marking in accordance with ASME B16.15.

Part or Identifying Number (PIN):



PIN examples:

MS14315-24X represents a 2 NPS X 1 NPS outside head bushing. (NPS - Nominal pipe sizes)  
MS14315-35ZL represents a 4 NPS X 3 NPS face bushing, left hand threads.

Legacy information:

Class 125 was changed to 250 to harmonize with ASME B16.15.  
Corrected -4 and -5, both were calling out 1/2 X 3/8. Changed -4 to callout 1/2 X3/8 and -5 to 1/2 X 1/4

Amendment notations. The margins of this detail specification sheet are marked with vertical lines where modifications from this amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents. In addition to WW-P-460, this document references ASME B16.15.

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CONCLUDING MATERIAL

Custodians:

Army - AT  
Navy - MC  
Air Force - 99  
DLA - CC

Preparing activity:  
DLA - CC

(Project 4730-2011-080)

Review activities:

Army - AR, CE, EA  
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.