

FED. SUP CLASS
4730

Threaded Companion



Blind



Threaded Reducing

TABLE CODE NUMBER TO TYPE AND SIZE OF FLANGE

| Type of Flange | Nominal Pipe Size | O. D. of Reducing Flange |
|--------------------|-------------------|--------------------------|
| Threaded Companion | Blind | Threaded Reducing |
| 01 | 25 | 1/2 |
| 02 | 26 | 3/4 |
| 03 | 27 | 1 |
| | 49 | 1 |
| | 50 | 1 |
| 04 | 28 | 1-1/4 |
| | 51 | 1-1/4 |
| 05 | 29 | 1-1/2 |
| | 52 | 1-1/2 |
| | 53 | 1-1/2 |
| | 54 | 1-1/2 |
| | 55 | 1-1/2 |
| 06 | 30 | 2 |
| | 56 | 2 |
| | 57 | 2 |
| | 58 | 2 |
| | 59 | 2 |
| | 60 | 2 |

| Type of Flange | Nominal Pipe Size | O. D. of Reducing Flange |
|--------------------|-------------------|--------------------------|
| Threaded Companion | Blind | Threaded Reducing |
| 07 | 31 | 2-1/2 |
| | 61 | 2-1/2 |
| | 62 | 2-1/2 |
| | 63 | 2-1/2 |
| | 64 | 2-1/2 |
| 08 | 32 | 3 |
| | 65 | 3 |
| | 66 | 3 |
| | 67 | 3 |
| | 68 | 3 |
| | 69 | 3 |
| 09 | 33 | 3-1/2 |
| | 70 | 3-1/2 |
| 10 | 34 | 4 |
| | 71 | 4 |
| | 72 | 4 |
| | 73 | 4 |
| | 74 | 4 |
| 11 | 35 | 5 |
| | 75 | 5 |
| | 76 | 5 |
| | 77 | 5 |

| Type of Flange | Nominal Pipe Size | O. D. of Reducing Flange |
|--------------------|-------------------|--------------------------|
| Threaded Companion | Blind | Threaded Reducing |
| 12 | 36 | 6 |
| | 78 | 6 |
| | 79 | 6 |
| | 80 | 6 |
| 13 | 37 | 8 |
| | 81 | 8 |
| | 82 | 8 |
| 14 | 38 | 10 |
| | 83 | 10 |
| 15 | 39 | 12 |
| 16 | 40 | 14 |
| 17 | 41 | 16 |
| 18 | 42 | 18 |
| 19 | 43 | 20 |
| 20 | 44 | 24 |
| 21 | 45 | 30 |
| 22 | 46 | 36 |
| 23 | 47 | 42 |
| 24 | 48 | 48 |

MILITARY STANDARD PART NUMBER DEFINITION

Military Standard Number _____ MS 90520 X XX X
 Material, Pressure Rating and Facing Code Letter _____
 Type and Size of Flange Code Number _____
 Gasket, Bolts and Nuts Furnished Code Letter _____

Material, Pressure Rating and Facing Code Letters

- A - Cast Iron, Class 125, Plain Face
- B - Cast Iron, Class 250, Raised Face
- C - Bronze, 150 lb., Two Concentric Gasket-Retaining Grooves on Face
- D - Bronze, 150 lb., Plain Face
- E - Bronze, 300 lb., Two Concentric Gasket-Retaining Grooves on Face
- F - Bronze, 300 lb., Plain Face

Type and Size of Flange Code Numbers (See Table)

Gasket, Bolts and Nuts Furnished Code Letters

- G - Gasket, Bolts and Nuts Not Furnished With Flange
- H - Gasket Only Furnished With Flange
- J - Bolts and Nuts Only Furnished With Flange
- K - Gasket, Bolts and Nuts Furnished With Flange

NOTES:

- Flanges under this Military Standard shall conform to the applicable American National Standards Institute Standard.
- Referenced specification and standards shall be of the issue in effect on date of invitations for bid, or requests for proposal.
- All sizes and dimensions given in this document are in inches.
- For nominal pipe size (Table) 14 inches and larger, the nominal pipe size corresponds to the O. D. of the pipe.
- Flange illustrations are for identification only and the flanges required shall meet the specification requirements.

Project No. 4730-0116

P.A. Navy - YD

Other Cust

Army - ME

Air Force - 82

PROCUREMENT SPECIFICATION
WW - F - 406

TITLE

FLANGES, CAST - IRON (CLASS 125 AND 250)
AND BRONZE (150 AND 300 LB.)

SUPERSEDES:

MILITARY STANDARD

MS 90520

SHEET 1 OF 1

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

USER: NC, CC

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 28 November 1972 REVISED 18 Jun 79

SS