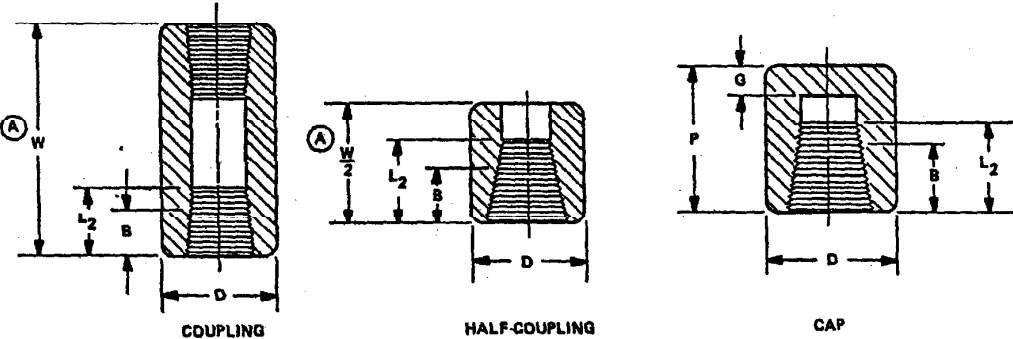
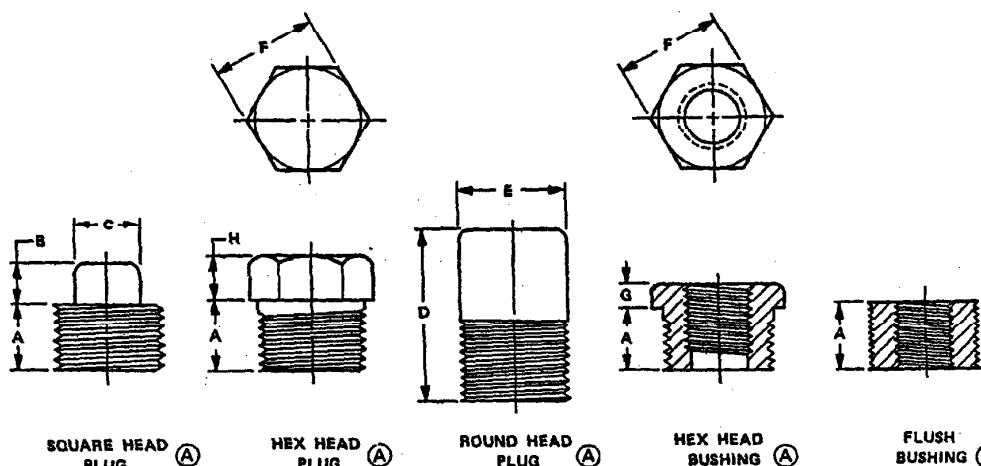


User activities: Army - CE (A)
Navy - NC
Air Force -

Review activities: Army - AR & EA (A)
Navy -
Air Force -

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FED. SUP CLASS 4730		
 <p>COUPLING HALF-COUPLING CAP</p>		
 <p>SQUARE HEAD PLUG (A) HEX HEAD PLUG (A) ROUND HEAD PLUG (A) HEX HEAD BUSHING (A) FLUSH BUSHING (A)</p>		
<p>NOTES:</p> <p>(A) 1. Bushings, caps, couplings, and plugs shall be in accordance with the procurement specification, ANSI B16.11.</p> <p>(A) 2. Dimensions are in inches and are given in ANSI B16.11 under the tables for steel threaded fittings and steel plugs and bushings.</p> <p>(A) 3. Carbon steel fittings shall be electrodeposited zinc coated when specified by the MS part number. The zinc coating shall conform to ASTM B633 Type I Class SC3 and shall be applied after machining and threading operations.</p>		
<p>P.A. NAVY - YD</p> <p>Other Cust ARMY - ME AIR FORCE 99 (A)</p> <p>Procurement Specification ANSI B16.11 (A)</p>	<p>International Interest</p>	<p>TITLE</p> <p>COUPLINGS, CAPS, PLUGS, AND BUSHINGS; PIPE THREADED; PRESSURE CLASS 3000 AND 6000</p> <p>SUPERSEDES:</p>
<p>MILITARY STANDARD</p> <p>MS 14304</p>		<p>PAGE 1 OF 2</p>

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FED. SUP CLASS
4730

4. Referenced documents shall be of the issue in effect on date of invitations for bids or request for proposal.
5. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
6. The MS part number consists of the MS number with a dash after it, the material and finish code number, the kind and pressure rating code letter, and the size code number(s) as follows:

MS14304 - X X XX

Military standard number _____
 Material and finish code number (see NOTE 7) _____
 Kind and pressure rating code letter (see NOTE 8) _____
 Size code number(s) (see NOTE 9) _____

7. The material and finish of the fitting are identified by a single digit as follows:

Code Number	Material and Finish (if applicable)
1	Carbon Steel (ASTM A105 or A181-70), not zinc coated
2	Carbon Steel (ASTM A105 or A181-70), zinc coated
3	4-6% Chromium - 1/2% Molybdenum (ASTM A182 - F5)
4	1 1/4% Chromium - 1/2% Molybdenum (ASTM A182-F11)
5	2 1/4% Chromium - 1% Molybdenum (ASTM A182 - F22)
6	304 Stainless Steel (ASTM A182 - F304)
7	316 Stainless Steel (ASTM A182 - F316)

8. The kind of fittings and pressure class of the fitting are identified by a single alphabetic character as follows:

Kind of Fitting	Pressure Class Rating	
	Class 3000	Class 6000
Cap, pipe	A	B
Coupling, pipe	C	D
Outlet, pipe (half-coupling)	E	F
Plug, pipe (round head)	H	
Plug, pipe (square head)	J	
Plug, pipe (hex head)		P
Bushing, pipe (flush)		R
Bushing, pipe (hex head)		T

9. The nominal pipe size of the fitting is identified by two digits as shown in chart below except for bushings where the size code number will contain four digits (the first two digits for the larger nominal pipe size and the last two digits for the small, nominal pipe size).

Size Code	Nominal Pipe Size	Size Code	Nominal Pipe Size
02	1/8 inch	20	1-1/4 inch
04	1/4 inch	24	1-1/2 inch
06	3/8 inch	32	2 inch
08	1/2 inch	40	2-1/2 inch
12	3/4 inch	48	3 inch
16	1 inch	64	4 inch

P.A. NAVY - YD	International Interest	TITLE COUPLINGS, CAPS, PLUGS, AND BUSHINGS; PIPE THREADED; PRESSURE CLASS 3000 AND 6000	MILITARY STANDARD
Other Cust ARMY - ME AIR FORCE 98 (A)			MS 14304
Procurement Specification ANSI B16.11 (A)		SUPERSEDES:	PAGE 2 OF 2

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1 MAY 75User activities:
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