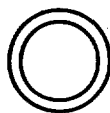


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

REVIEW - MU, WC  
USER - MI, MC

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.



FED. SUP. CLASS  
4710

#### NOTES

- Pipe defined by this document meet the requirements of Federal Specification WW-P-377, of the issue in effect on the date of the Invitation for Bid.
- Each item shall be specified by a definitive Part Number.

#### 3. Designation of Part Number to define size and temper:

1/8 inch pipe size, hard drawn temper	AH	1-1/4 inch pipe size, hard drawn temper	GH
1/8 inch pipe size, light drawn temper for bending	AL	1-1/4 inch pipe size, light drawn temper for bending	GL
1/8 inch pipe size, annealed temper	AA	1-1/4 inch pipe size, annealed temper	GA
1/4 inch pipe size, hard drawn temper	BH	1-1/2 inch pipe size, hard drawn temper	HH
1/4 inch pipe size, light drawn temper for bending	BL	1-1/2 inch pipe size, light drawn temper for bending	HL
1/4 inch pipe size, annealed temper	BA	1-1/2 inch pipe size, annealed temper	HA
3/8 inch pipe size, hard drawn temper	CH	2 inch pipe size, hard drawn temper	JH
3/8 inch pipe size, light drawn temper for bending	CL	2 inch pipe size, light drawn temper for bending	JL
3/8 inch pipe size, annealed temper	CA	2 inch pipe size, annealed temper	JA
1/2 inch pipe size, hard drawn temper	DH	2-1/2 inch pipe size, hard drawn temper	KH
1/2 inch pipe size, light drawn temper for bending	DL	3 inch pipe size, hard drawn temper	LH
1/2 inch pipe size, annealed temper	DA	3-1/2 inch pipe size, hard drawn temper	MH
3/4 inch pipe size, hard drawn temper	EH	4 inch pipe size, hard drawn temper	NH
3/4 inch pipe size, light drawn temper for bending	EL	5 inch pipe size, hard drawn temper	PH
3/4 inch pipe size, annealed temper	EA	6 inch pipe size, hard drawn temper	QH
1 inch pipe size, hard drawn temper	FH	8 inch pipe size, hard drawn temper	RH
1 inch pipe size, light drawn temper for bending	FL	10 inch pipe size, hard drawn temper	SH
1 inch pipe size, annealed temper	FA	12 inch pipe size, hard drawn temper	TH

#### 4. Designation of Part Number to define the application of the tolerances:

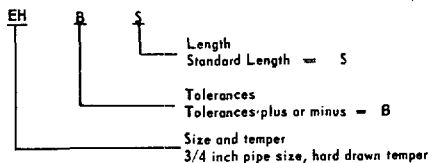
All tolerances to be Plus = P  
All tolerances to be Minus = M  
Tolerances to be Plus or Minus = B

#### 5. Designation of Part Number to define length of each piece of pipe:

Random Length = R  
Standard length = S  
(12 ft tolerance 1/2 in.)  
Specific length = 4 Digits  
(Specific length in inches and eighths)

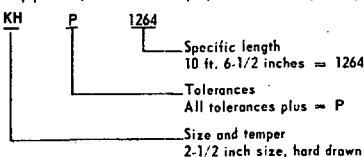
#### 6. Example of Part Number defining 3/4 inch pipe size, hard drawn temper, tolerances to be plus or minus, standard length:

MS 14302  
(BASIC NUMBER)



#### 7. Designation of Part Number defining 2-1/2 inch pipe size, hard drawn temper, tolerances all plus, specific length 10 ft. 6-1/2 in. long.

MS 14302  
(BASIC NUMBER)



- Continuous identification marking per Federal Standard No. 185.
- For design feature purposes, this standard takes precedence over procurement documents referenced here-in.

P. A Navy - YD OTHER Air Force-II CUST Army-ME	TITLE  Pipe, Copper, Seamless, Standard Sizes	MILITARY STANDARD  MS 14302
PROCUREMENT SPECIFICATION WW-P-377	SUPERSEDES.	Sheet 1 of 1