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

REVIEWER ACTIVITIES
Army - AV, ME, MI
Navy - AS
USAF - 99

P.A.
Air Force - 11
Other Cust
Army - AV
Navy - AS

INTERNATIONAL INTEREST

PROCUREMENT SPECIFICATION
MIL-V-7899

SUPERSEDES

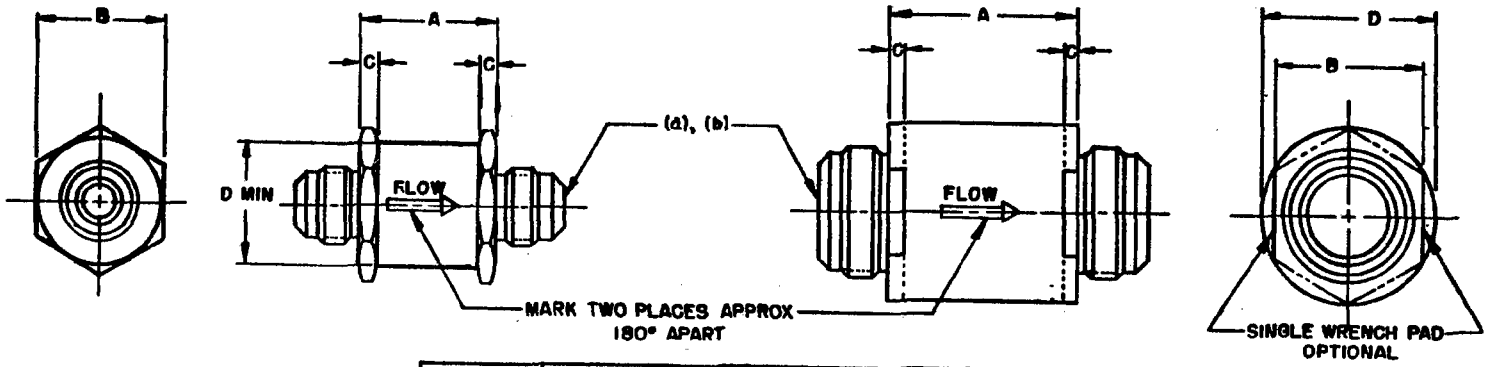
TITLE

VALVE, CHECK, FUEL AND AIR, POPPET TYPE, ZERO, LEAK

MILITARY STANDARD

MS21430

SHEET 1 OF 1



DASH NO. SIZE	TUBING O. D. (NOMINAL)	(A) A ±.030	(c) B ±.015	C MIN	D DIA MAX
-4	.250	1.34	1.000	.215	1.005
-6	.375	1.50	1.062	.215	1.065
-8	.500	1.56	1.250	.265	1.255
-10	.625	1.56	1.250	.265	1.255
-12	.750	2.06	1.500	.265	1.505
-16	1.000	2.37	1.875	.275	1.875
-20	1.250	2.69	2.500	.325	2.505
-24	1.500	3.05	2.750	.395	2.755
-32	2.000	3.80	3.125	.395	3.500

(a) STYLE 1 - BOTH ENDS IN ACCORDANCE WITH MS33656, STYLE E, EXCEPT HEX.
(b) STYLE 2 - INLET END IN ACCORDANCE WITH MS33657, STYLE E, EXCEPT HEX, AND OUTLET END SAME AS STYLE 1.
(c) "B" SHALL FIT STANDARD WRENCH OPENING.

MATERIAL: SEE PROCUREMENT SPECIFICATION.
FINISH: SEE PROCUREMENT SPECIFICATION.
REMOVE ALL BURRS AND BREAK SHARP EDGES .016 MAXIMUM.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010.
PART NUMBER: PART NUMBER CONSISTS OF MS NUMBER PLUS THE CLASS LETTER "A", "B", OR "C" (SEE MIL-V-7899) FOLLOWED BY THE STYLE NUMBER PLUS THE DASH SIZE NUMBER.
EXAMPLES: MS21430A1-24, MS21430B1-24, MS21430C1-24.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT OF DATE OF INVITATIONS FOR BID.

FED. SUP. CLASS 2915

APPROVED 10 Jan 77 REVISED (A) 6 Dec 77