

TYPE A - INTERNAL THREAD

NOMINAL CAPACITY CODE	INTERNAL VOLUME CU. IN. MIN	WEIGHT POUNDS MAX (a)	DIMENSIONS (a) (b) (c)									
			LENGTH		O DIA		APT	E DIA		F		
0014	14.6	1.79	5.953	±.031	2.376	±.020	1/2	1.109	±.031	.594	±.031	
0022	22	1.65	10.875	±.125	1.891	±.031	3/8	.875	±.016	.375	MIN	
022A			7.875		2.375	±.062						
022B			10.250		1.891	±.031						
0025			25		1.87	7.875						2.375
0030	30	2.57	10.50		2.50	±.062	1/2	1.156		.562		
0050	50	2.00	12.625		2.938							
0053	53	3.85	11.375		3.703							
0057	57	4.25	9.250		5.344	±.078	1	1.719		.750		
0096	96	5.90	13.375		±.250	3.703	±.125	1/2		1.156		.562
0147	147	6.18	18.875			5.344	±.078	1		1.719		.750
0205	205	10.24	14.000		±.125	5.344	±.078	1		1.719		.750
205A		10.17	24.250	±.250		3.703	±.125	1/2	1.156	.562		
0295	295	14.25	18.500	±.125	5.344	±.078	1	1.719	.750	MIN		
0386	386	21.00	15.375		6.922							
0500	500	26.00	19.125		6.750							
0514	514	26.50	19.250		6.922							
0646	646	31.90	23.500	±.250	6.938	±.125	1	1.719	.750	MIN		
0853	853	36.02	26.750		7.344							
0978	978	41.80	30.000		9.219							
1220	1220	55.96	25.750									
1430	1430	67.57	29.875									
2040	2040	91.85	40.500									

- (a) FOR WRAPPED CYLINDERS, THE WEIGHT AND DIAMETER SPECIFIED IS WITHOUT WIRE WRAPPING.  
 (b) INCREASE IN CYLINDER DIAMETER, DUE TO WIRE WRAPPING SHALL NOT EXCEED 0.225 INCH.  
 (c) DIMENSIONS IN INCHES.

CLASS DEFINITION: CLASS (1) 1800 POUNDS PER SQUARE INCH (RATED PRESSURE)  
 CLASS (2) 2100 POUNDS PER SQUARE INCH (RATED PRESSURE)

(R) DENOTES CHANGE

PREPARING ACTIVITY: NAVY - AS  
 CUSTODIANS: ARMY - AV NAVY -  
 AIR FORCE - 99 OLA -

REVIEW: NAVY - SH USAF - 71  
 USER:  
 PROJECT NUMBER: 1660-0621

DISTRIBUTION STATEMENT

# MILITARY SPECIFICATION SHEET

TITLE

CYLINDERS; STEEL; COMPRESSED GAS;  
 NON-SHATTERABLE; SEAMLESS; 1800 PSI,  
 AND 2100 PSI

SPECIFICATION SHEET NUMBER  
**MS26545** 29 NOV 91  
 REV R

SUPERSEDING  
**MS26545 P** 31 AUG 90

AMSC - N/A FSC 1660

A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

PAGE 1 OF 4

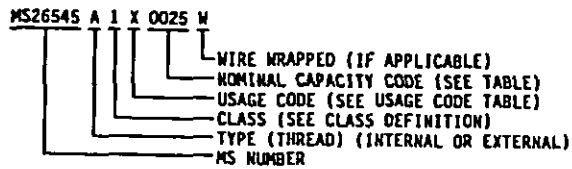
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION: MIL-C-7903

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE

## NOTES:

FORM APPROVED  
OMB NO. 0704-0188

1. EXAMPLE OF PART NUMBER: MS26545A1X0025W



USAGE CODE		
CODE	GAS USAGE	EXTERNAL FINISH COLOR PER FED-STD-595
X	OXYGEN	14187 (GREEN)
A	AIR	17038 (BLACK)
C	CO <sub>2</sub>	16473 (GRAY)
D	CO <sub>2</sub> OR HALON (FIRE EXT)	11105 (RED)
U	NONE	PRIMARY COAT ONLY

2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THIS ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

PREPARING ACTIVITY: NAVY — AS

CUSTODIANS: ARMY — AV      NAVY —  
AIR FORCE — 99      DLA —

REVIEW: NAVY-SH USAF-71

USER:

PROJECT NUMBER: 1660 - 0621

## MILITARY SPECIFICATION SHEET

## TITLE

CYLINDERS; STEEL; COMPRESSED GAS;  
NON-SHATTERABLE; SEAMLESS; 1800 PSI,  
AND 2100 PSI

SPECIFICATION SHEET NUMBER

**MS26545** 29 NOV 91  
REV RSUPERSEDING  
MS26545 P

31 AUG 90

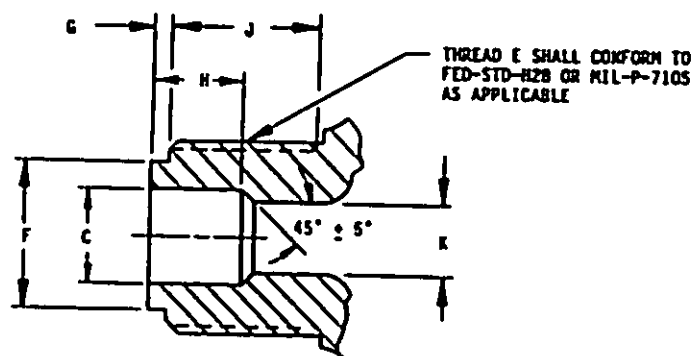
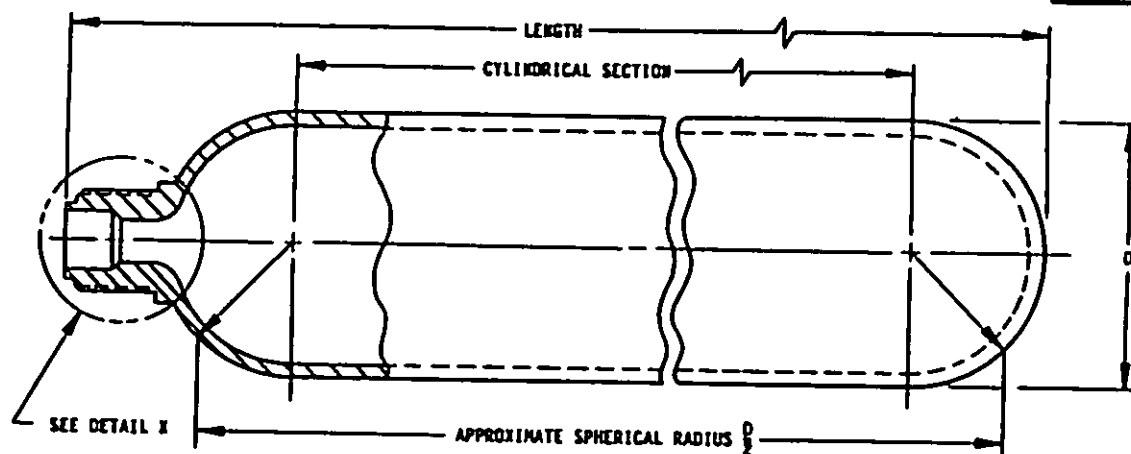
AMSC — N/A

FSC 1660

## DISTRIBUTION STATEMENT

A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

PAGE 2 OF 4



DETAIL X

## TYPE B - EXTERNAL THREAD

NOMINAL CAPACITY CODE	INTERNAL VOLUME CU. IN. MIN	WEIGHT POUNDS MAX (a)	DIMENSIONS (a) (b) (c)										
			LENGTH		C +.005	D DIA		E	F +.005	G +.016	H +.016	J MIN FULL THD	K HOLE SIZE +.010 -.000
0020	20.4	1.25	9.250	+.125	.438	2.000	+.062	3/8-18 NPSM-2A	.573	.062	.188	1/2	.375
0021	21	0.75											
0022	22	1.65											
0025	25.7	2.10											
025A	25	1.70											
0030	30.6	2.57	10.500		.438	2.406		3/8-18 NPSM-2A	.573				
0057	57	4.25											
0096	96	5.90											
0147	147	8.18											
0205	205	10.24											
205A	205	10.17	24.938	+.250	.660	3.703	+.125	1-1/8-12 UNF-3A	.940	.109	.562	3/4	.516
0386	386	21.00											
0415	415	17.90											

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV      NAVY -  
AIR FORCE - 99      DLA -

REVIEW: NAVY - SH      USAF - 71

USER:

PROJECT NUMBER: 1660-0621

## MILITARY SPECIFICATION SHEET

TITLE

CYLINDERS; STEEL; COMPRESSED GAS;  
NON-SHATTERABLE; SEAMLESS; 1800 PSI.  
AND 2100 PSI

SPECIFICATION SHEET NUMBER

MS26545

29 NOV 91  
REV R

SUPERSEDING

MS26545 P

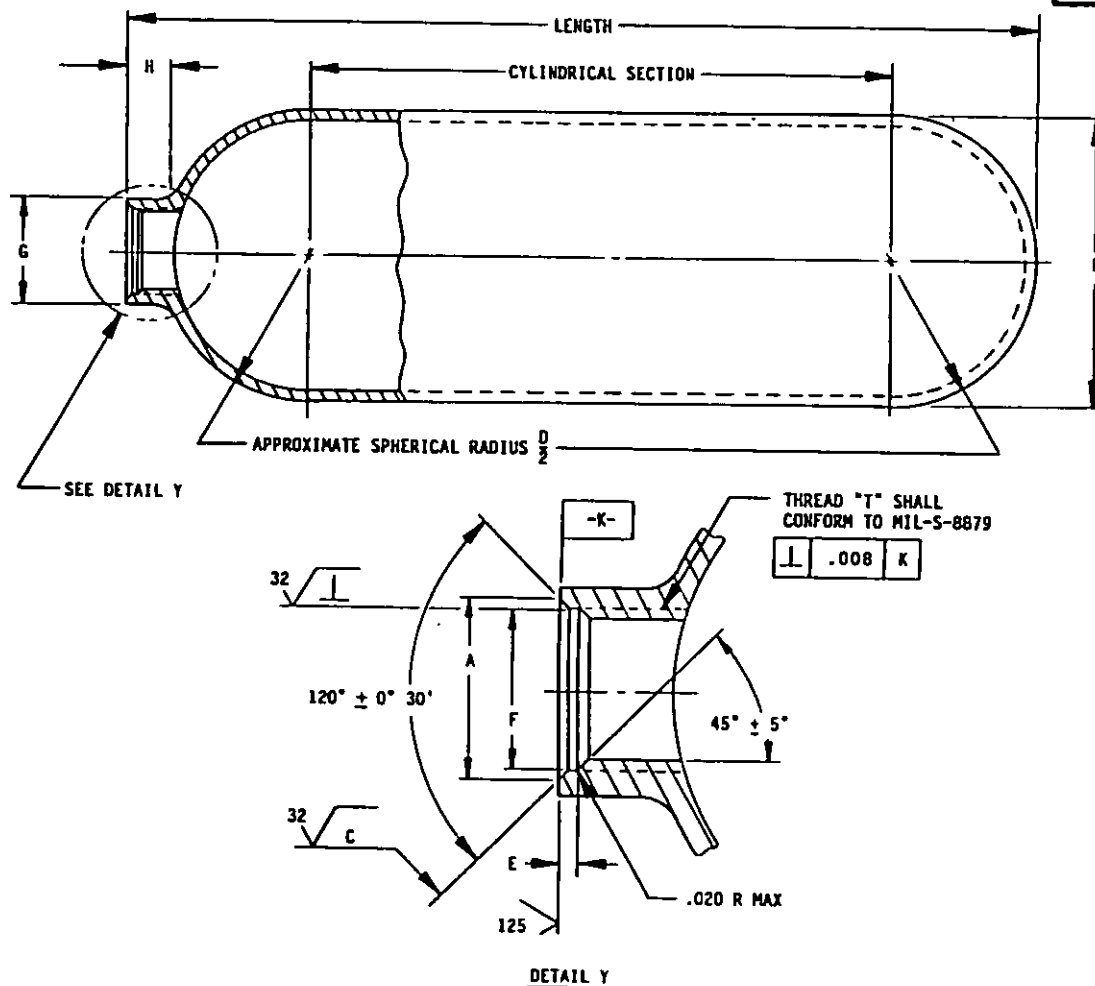
31 AUG 90

AMSC - N/A

FBC 1660

DISTRIBUTION STATEMENT

A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.



TYPE C - INTERNAL THREAD

NOMINAL CAPACITY CODE	INTERNAL VOLUME CU. IN. MIN	WEIGHT POUNDS MAX (a)	LENGTH	A DIA +.015 -.000	D DIA	E +.015 -.000	F DIA +.005 -.000	G DIA +.030 -.030	H +.030 -.030	T THREAD
0144	144	9	11.000	+.500	5.340					
0204	204	12	13.875	+.125 -.250	1.800	+.078	.125	1.648	2.000	1.6250-12 UNJ-3B
0288	288	14	17.875	+.125	5.344					

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AY    NAVY -  
AIR FORCE - 99    DLA -REVIEW: NAVY - SH    USAF - 71  
USER:

PROJECT NUMBER: 1660-0621

## MILITARY SPECIFICATION SHEET

TITLE

CYLINDERS; STEEL; COMPRESSED GAS;  
NON-SHATTERABLE; SEAMLESS; 1800 PSI,  
AND 2100 PSI

SPECIFICATION SHEET NUMBER

MS26545    29 NOV 91  
REV RSUPERSEDING  
MS26545 P

31 AUG 90

AMSC - N/A

FSC 1660

DISTRIBUTION STATEMENT

A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

PAGE 4 OF 4