

Project Number 7510-N254

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 hereby 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 an endorsement, approval, or any other person in connection with, or conveying any right or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

This drawing, standard, specification, or other data is the property of the Department of Defense and is loaned to the recipient for use in connection with the procurement of goods and services and for repetitive use shall be made from this document.

PROCESS STANDARD		REQ. SUP CLASS 7510	
<p>SHAPE A</p>	<p>SHAPE B</p>	<p>SHAPE C</p>	<p>SHAPE D</p>
FILLETS			
<p>SHAPE E</p>	<p>SHAPE F</p>	<p>SHAPE G</p>	<p>SHAPE H</p>
<p>TERMINAL CIRCLE</p>		<p>UNIVERSAL CIRCLE</p>	
<p>SHAPE I</p>		<p>SHAPE J</p>	
<p>ELBOWS</p>		<p>FILLET ADAPTER</p>	
<p>SHAPE K</p>	<p>SHAPE L</p>		
<p>SHAPE M</p>	<p>SHAPE N</p>	<p>SHAPE O</p>	<p>SHAPE P</p>
<p>TRIANGLE</p>		<p>SQUARE</p>	
<p>SHAPE Q</p>		<p>SHAPE R</p>	
<p>FILLET ADAPTERS</p>		<p>FILLET ADAPTERS</p>	
<p>P A NAVY BUREAU OF ORDNANCE Other Cust</p>		<p>TITLE PRINTED CIRCUIT SHAPES, MASTER DRAWING, PRECUT-PROCESS STANDARD</p>	
<p>PROCUREMENT SPECIFICATION NOT APPLICABLE</p>		<p>SUPERSEDES.</p>	
<p>DD FORM 672-1 1 SEP 51</p>		<p>10 APR 1959</p>	
<p>MILITARY STANDARD MS 16912 (NORD)</p>		<p>SHEET 1 OF 2</p>	

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

REVISED 4 DEC 1972
APPROVED

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 hereby 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 carrying out any right or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

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.

PROCESS STANDARD															FED. SUP CLASS 7510					
FILLETS																				
SHAPE A					SHAPE B					SHAPE C			SHAPE D							
DIMENSIONS					DIMENSIONS					DIMENSIONS			DIMENSIONS							
NO.	A	B	C	D	E	NO.	A	B	C	D	NO.	A	B	C	NO.	A	B	C	D	E
1A	.031	.078	.171	-	.050	1B	.093	.125	.406	0	1C	.062	.187	1.50	1D	.046	.093	.187	.250	.062
2A	.062	.125	.250	-	.050	2B	.093	.125	.500	.093					2D	.062	.218	.313	.500	.125
3A	.040	.140	.340	.040	-	3B	.062	.125	.700	.062					3D	.062	.218	.313	1.03	.250
4A	.040	.156	.346	.040	-	4B	.156	.250	.500	.156					4D	.093	.187	.344	.468	.125
5A	.062	.125	.375	-	.062	5B	.062	.125	.250	.062					5D	.093	.187	.344	.843	.250
6A	.062	.205	.750	-	.125	6B	.062	.097	.076	0					6D	.062	.150	.350	.437	.125
						7B	.095	.125	.093	0					7D	.046	.187	.375	.500	.125
						8B	.095	.200	.100	0					8D	.125	.200	.375	.562	.125
						9B	.100	.250	.156	0					9D	.080	.281	.437	.281	.125
						10B	.062	.200	.200	0					10D	.093	.250	.500	.250	.125
						11B	.062	.300	.200	0					11D	.156	.250	.500	.687	.250
						12B	.062	.250	.275	0					12D	.062	.250	.562	.812	.125
															13D	.062	.250	.562	.843	.250
															14D	.093	.312	.563	.250	.125
															15D	.062	.312	.594	.750	.250
															16D	.046	.375	.750	1.00	.250
TERMINAL CIRCLE					UNIVERSAL CORNERS					ELBOW			TEE							
SHAPE E					SHAPE F					SHAPE G			SHAPE H							
DIM.					DIMENSIONS					DIM.			DIM.							
NO.	A	B	NO.	A	B	NO.	D	W	NO.	A	B	NO.	A	B						
1E	.125	.031	13E	.500	.125	1F	.250	.062	1G	.250	.500	1H	.250	.500						
2E	.187	.062	14E	.562	.062	2F	.312	.093	2G	.125	.375	2H	.125	.250						
3E	.188	.040	15E	.562	.187	3F	.500	.250	3G	.062	.375	3H	.062	.187						
4E	.200	.080	16E	.600	.080	4F	.375	.125												
5E	.250	.040	17E	.625	.062	5F	.500	.187												
6E	.250	.062	18E	.625	.125															
7E	.312	.062	19E	.687	.187															
8E	.375	.062	20E	.750	.062															
9E	.400	.080	21E	.750	.125															
10E	.437	.062	22E	.875	.062															
11E	.437	.125	23E	.875	.125															
12E	.500	.062	24E	1.00	.062															
NOTES:																				
1. PRINTED CIRCUIT MASTER DRAWINGS PREPARED WITH THESE SHAPES SHALL CONFORM TO MIL-P-21193																				
2. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED																				
3. TOLERANCE ON DECIMALS: .005																				
4. THESE SHAPES SHALL BE BLACK IN COLOR WITH A NON-REFLECTIVE FINISH. THE UNDERSIDE SHALL BE COATED WITH A TRANSPARENT, PRESSURE SENSITIVE, ADHESIVE.																				
P.A. NAVY BUREAU OF ORDNANCE Other Cost					TITLE PRINTED CIRCUIT SHAPES, MASTER DRAWING, PRECUT-PROCESS STANDARD					MILITARY STANDARD MS 16912 (NORD)										
PROCUREMENT SPECIFICATION NOT APPLICABLE					SUPERSEDES.					SHEET 2 OF 2										