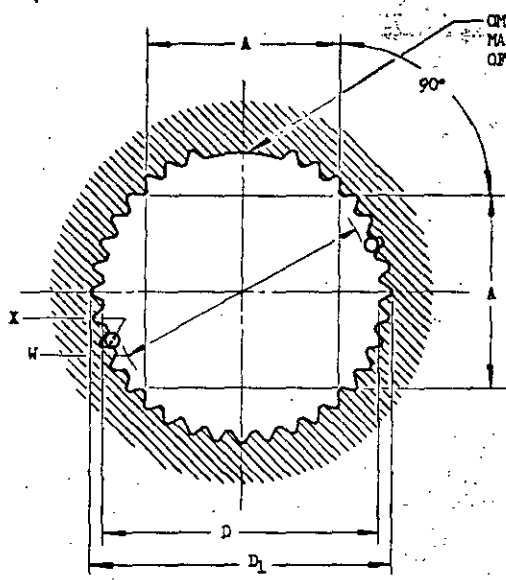


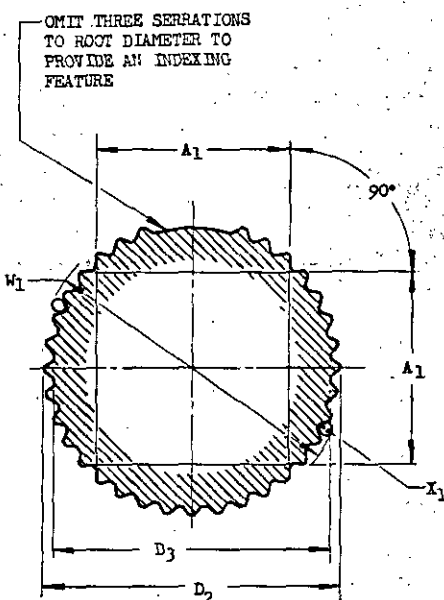
12

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 whatever; and the fact that the Government may have furnished, furnished, or is in any way supplying the said drawings, specifications, or other data is not to be regarded as an implication or admission as to the manner in which 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.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all subsequent standard drawings for the same product and shall become effective for the procurement of mechanical splines, or for use in new design, not later than 6 months after the latest date of approval shown.



INTERNAL SPLINES

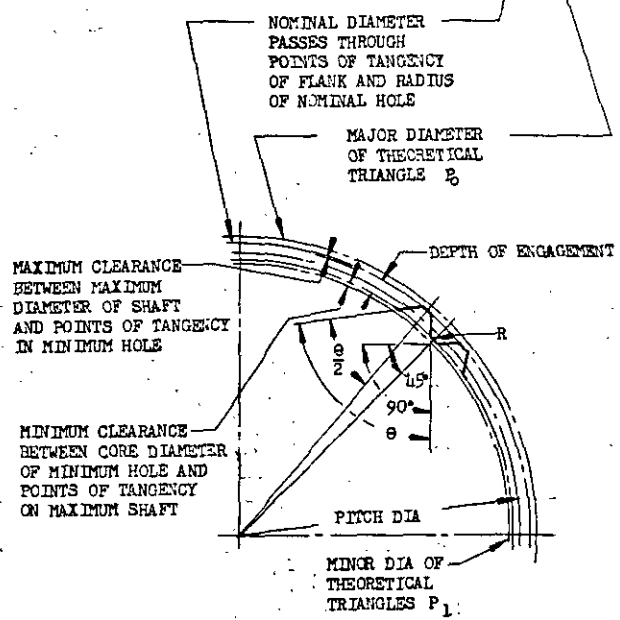
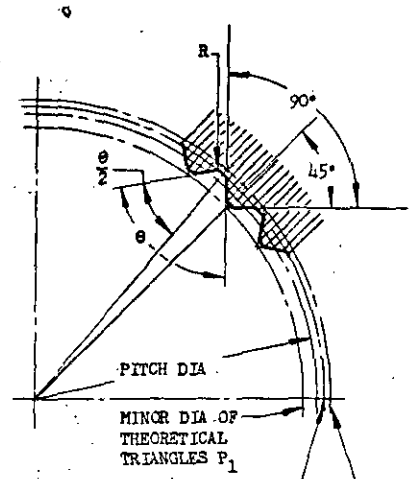


EXTERNAL SPLINES

OMIT THREE SERRATIONS TO MATCH INDEXING FEATURE OF SERRATED SHAFT

OMIT THREE SERRATIONS TO ROOT DIAMETER TO PROVIDE AN INDEXING FEATURE

DETAIL INTERNAL SPLINES



DETAIL EXTERNAL SPLINES

NOMINAL SIZE SERRATIONS	NO. OF SERRATIONS	θ	P <sub>0</sub>	PITCH DIA	P <sub>1</sub>	R MAX RAD	INTERNAL SPLINE					EXTERNAL SPLINE				
							A	D DIA	D <sub>1</sub> MAX DIA	W DIA	X WIRE DIA.	A <sub>1</sub>	D <sub>2</sub> DIA	D <sub>3</sub> DIA	W <sub>1</sub> DIA	I <sub>1</sub> WIRE DIA
.250	36	80°	.2534	.2418	.2303	.0015	.1634	.236 +.001 -.000	.253	.2235 ±.0007	.012	.1615 ±.0010	.248 +.001 -.002	.230 ±.002	.2645 ±.0013	.015

REMOVE ALL BURRS AND BREAK SHARP EDGES.  
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: THREE-PLACE DECIMALS ±.005, FOUR-PLACE DECIMALS ±.0005, ANGLES ±0°30'.

② CANCELED AFTER 6 APRIL 1973. NO SUPERSEDING STANDARD.

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD

SPLINE, SERRATED

AND10237

NOT A PART NUMBER

APPROVED 23 Jun 49 REVISED 1 28 May 51 ② 6 Apr 73