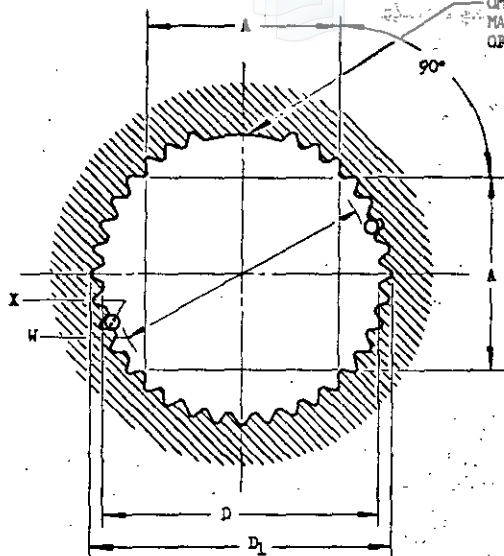
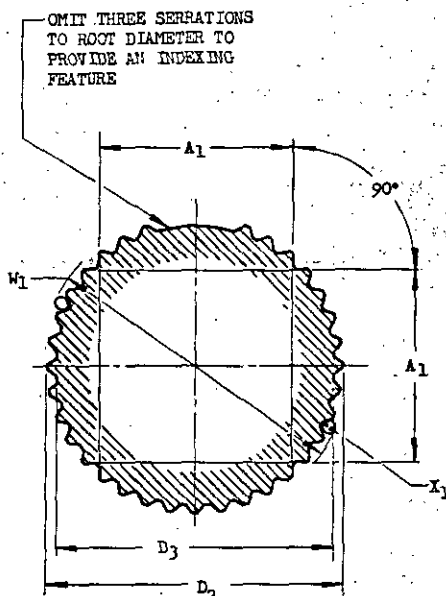


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded as implying or otherwise as in any manner endorsing the holder or of 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 aeroblastic splines, or for use in new design, not later than 6 months after the latest date of approval above.



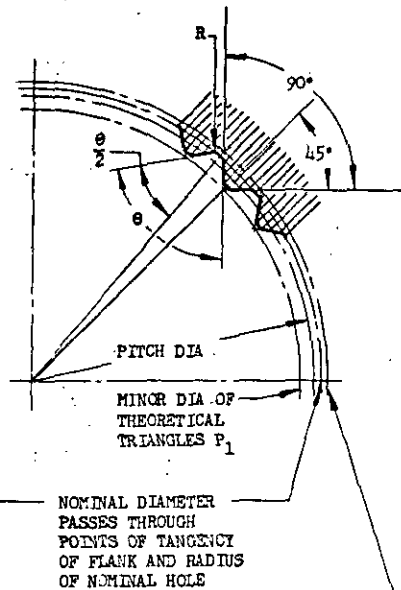
INTERNAL SPLINES



EXTERNAL SPLINES

OMIT THREE SERRATIONS TO MATCH INDEXING FEATURE OF SERRATED SHAFT

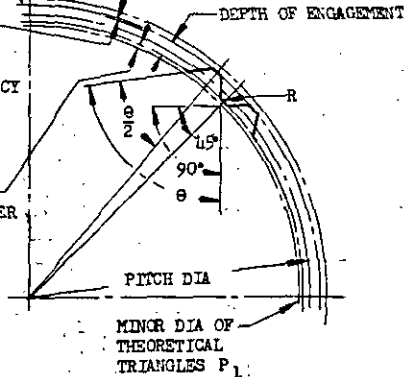
DETAIL
INTERNAL SPLINES



MAXIMUM CLEARANCE BETWEEN MAXIMUM DIAMETER OF SHAFT AND POINTS OF TANGENCY IN MINIMUM HOLE

MINIMUM CLEARANCE BETWEEN CORE DIAMETER OF MINIMUM HOLE AND POINTS OF TANGENCY ON MAXIMUM SHAFT

MAJOR DIAMETER OF THEORETICAL TRIANGLE P2



DETAIL
EXTERNAL SPLINES

NOMINAL SIZE SERRATIONS	NO. OF SERRATIONS	θ	P_0	PITCH DIA	P_1	R MAX RAD	INTERNAL SPLINE					EXTERNAL SPLINE				
							A	D DIA	D1 MAX DIA	W DIA	X WIRE DIA	A1	D2 DIA	D3 DIA	W1 DIA	I1 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