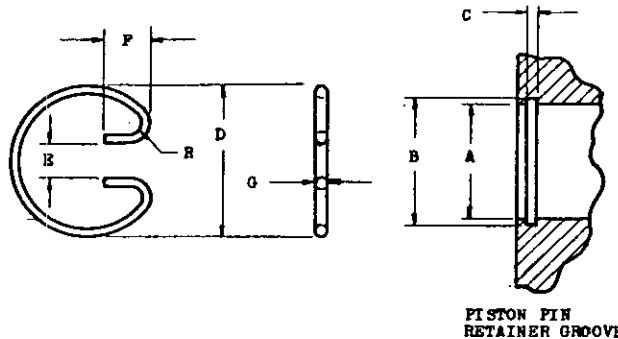


FED. SUP CLASS
2805

DASH NUMBER	PISTON PIN HOLE SIZE	DIA. OF RETAINER GROOVE	WIDTH OF RETAINER GROOVE	PISTON PIN RETAINER				
				O. D. FREE	BETWEEN TANGS	TANG LENGTH	WIRE DIAMETER	
	A	B	C	D		F	G	R
-1	.8593	.932	.073	.980		.10	.0605	1/8
	.8596	.942	.078	1.00			.0645	1/8
-2	.9900	1.062	.073				.0605	1/8
	.9903	1.072	.078				.0645	1/8
-3	1.1150	1.181					.0760	1/8
	1.1153	1.191					.0800	1/8
-4	.5434					.14	.0605	1/32
	.5436					.17	.0645	1/32
-5						.180	.0470	1/16
						.195	.0510	1/16

NOTES:

1. RETAINER GROOVE "B" AFTER BEING COMPRESSED TO BUTT ENDS.
PER 400°F. FOR ONE-HALF HOUR WHEN HELD IN RETAINER GROOVE "B".
FREE DIA. TO BE MEASURED IN "B" CYLINDER.
THROUGH HOLE OF "A" DIA.
"A" MUST LIE IN SAME PLANE AS BODY OF RING WITHIN 1/32" MAXIMUM.
2. MATERIAL: SILCROME-CHROME OIL TEMPERED SPRING WIRE, S.A.E. 9254 OR EQUAL. HARDNESS ROCKWELL "C" 57 MAX.
3. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
5. TOLERANCES: UNLESS OTHERWISE SPECIFIED, LINEAR MACHINED DIMENSIONS $\pm .010$; ANGULAR MACHINED DIMENSIONS $\pm 30'$. DO NOT SCALE DRAWING.
6. ALL DIMENSIONS IN INCHES.
7. THE "MS" PART NUMBER CONSISTS OF THE MS NUMBER, PLUS THE DASH NUMBER
EXAMPLE: MS 13962-1

(B) ENTIRE STANDARD REVISED

P.A. ARMY MO(ENTL.)	TITLE	MILITARY STANDARD
Other Cust A.F. - 69 NAVY - YD	RING, RETAINING: ENGINE, PISTON PIN	MS 13962
PROCUREMENT SPECIFICATION MIL-E-11275	SUPERSEDES:	SHEET 1 OF 2

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 19 JUNE 1952 REVISED 24 OCTOBER 1955 7 MAR 1966 22 APRIL 1982

REVIEW ACTIVITY : DOSC, 69
USER ACTIVITY : YD, ATAC

This Military Standard has been approved by the Department of Defense and is mandatory 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.