

INCH-POUND

MIL-DTL-12133/4B  
19 October 2015  
SUPERSEDING  
MIL-W-12133/4A  
28 February 1986

## DETAIL SPECIFICATION SHEET

## WASHER, SPRING TENSION, WAVE, CRES 302

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and procurement specification MIL-DTL-12133.

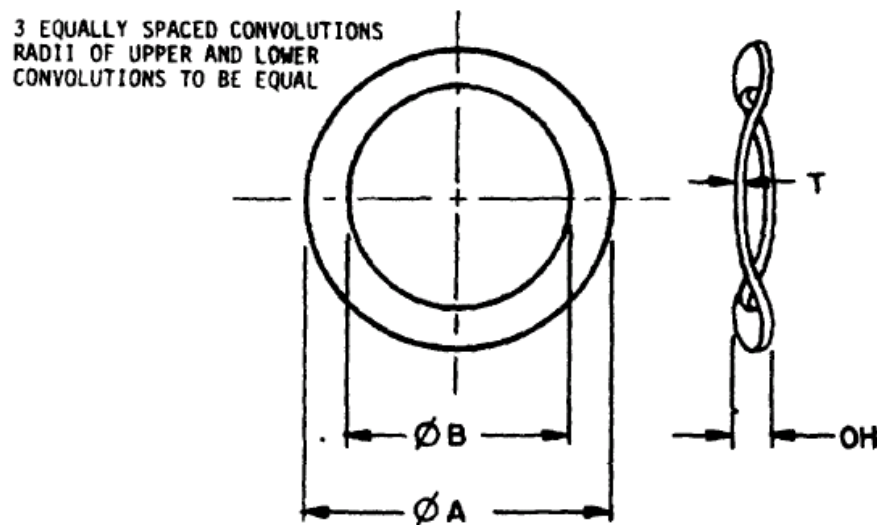


FIGURE 1. WASHER, SPRING TENSION, WAVE, CRES 302.

## MIL-DTL-12133/4B

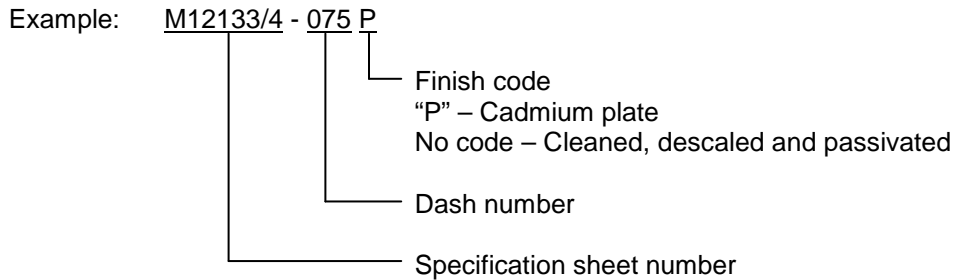
TABLE I. DASH NUMBERS AND DIMENSIONS.

Dash No.	Ø A Outside Diameter		Ø B Inside Diameter		T Thickness		OH Free Height		Nominal Size
	Max	Tol	Min	Tol	Nom	Tol	Nom	Tol	
075	.155	+.000 -.005	.075	+.005 -.000	.006	±.0015	.017	±.003	.060
083	.165		.083		.006		.018		.073
095	.211		.095		.006		.018		.086
106	.220		.106		.006		.018		.099
125	.255		.125		.006		.021		.112
134	.270		.134		.006		.021		.125
152	.305		.152		.008	.028	.138		
176	.345		.176		.011	.030	.164		
203	.380		.203		.012	.032	.190		
367	.367		.266		.006	.030	.250		
266	.505		.266		.015	.042	.250		
350	.492		.350		.007	.035	.312		
332	.605		.332		.015	.052	.312		
440	.618		.440		.008	.040	.438		
406	.705		.406		.022	.064	.375		
734	.734		.531		.009	.050	.438		
469	.825	.469	.022	.070					
855	.855	.656	.010	.060					
531	.955	.531	.022	.076	±.005	.500			
656	1.175	.656	.028	.090		.625			
781	1.395	.781	.028	.095	±.010	.750			

## MIL-DTL-12133/4B

## REQUIREMENTS:

1. Material. Cres (austenitic), Type 302 (see MIL-DTL-12133).
2. Protective coating and surface treatment. Corrosion resistant steel washers (austenitic) shall be cadmium plated or cleaned, descaled and passivated (see MIL-DTL-12133).
3. Part number: The part number consists of the letter "M", the basic number of this specification sheet, followed by a dash number taken from Table I and a finish code letter, "P" for Cadmium plate. No Code indicates surface treatment (cleaned, descaled and passivated).



M12133/4-075P Indicates – Washer, Spring Tension, Wave, CRES 302; (austenitic); .155 OD; .075 ID; .006 thick; .017 free height; Cadmium plate.

## NOTES:

1. All dimensions are in inches. See Table I herein for tabulated data.
2. The dimensions of the finished washers in the unplated condition shall be in accordance with Table I.
3. CHANGES FROM PREVIOUS ISSUE. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

## MILITARY INTEREST

## Custodians:

Army - AR  
 Navy - OS  
 Air Force - 99

## Preparing activity:

DLA - IS

(Project 5310-2015-009)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.