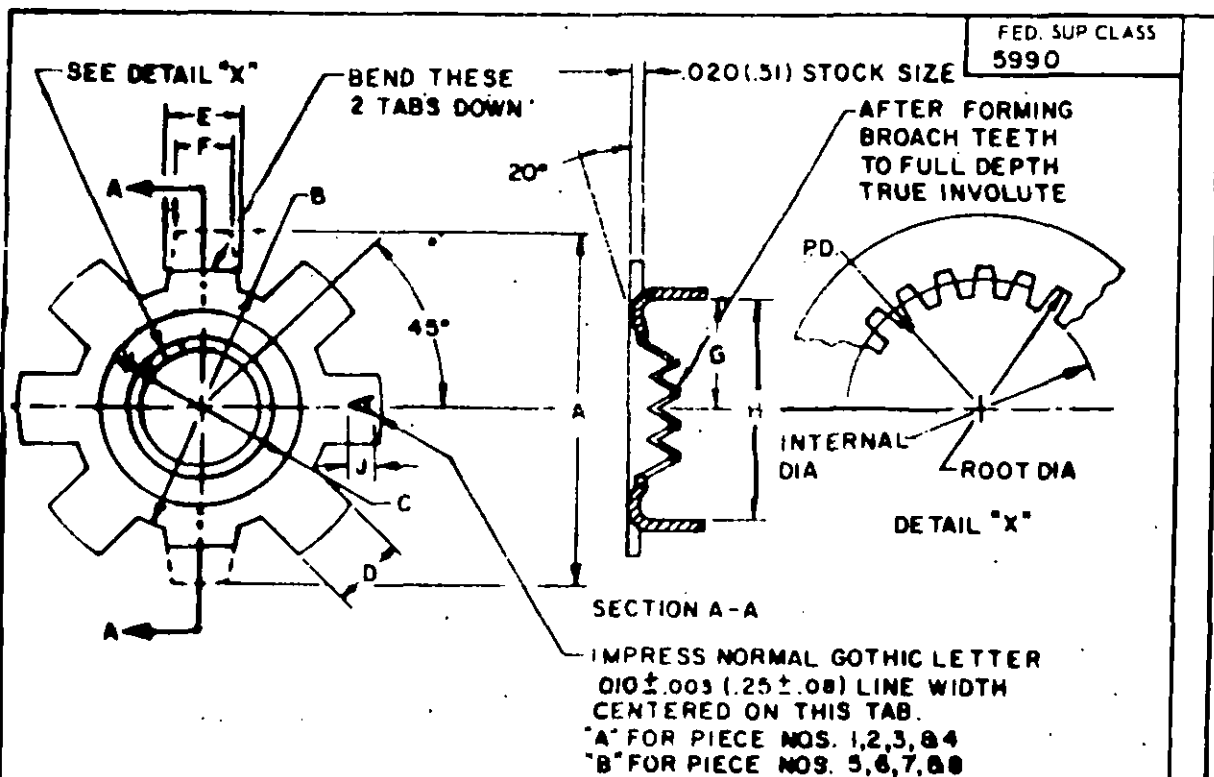


Reviewer/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DOD/ISS (PSC listing).

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Part no.	A .020(.51) -.001(.13)	B .010(.25) MIN	C MIN	D MIN	E	F	G MIN	H .010(.51) MIN	J MIN	GEAR DATA					
										Press angle	No. teeth	D.P.	P.D. .001 (.03)	Root .001 (.13)	Internal .001 (.13)
MS17186-1	.432 (10.97)	.287 (7.29)	.215 (5.46)	.09 (2.29)	.093 (2.36)	.078 (1.98)	.146 (3.71)	.292 (7.42)	.05 (1.27)	20°	13	120	.108 (2.74)	.125 (3.18)	.091 (2.31)
MS17186-2	.516 (13.11)	.350 (8.89)	.291 (7.39)	.09 (2.29)	.125 (3.18)	.093 (2.36)	.177 (4.50)	.355 (9.02)	.05 (1.27)	20°	21	120	.175 (4.45)	.192 (4.88)	.158 (4.01)
MS17186-3	.516 (13.11)	.350 (8.89)	.291 (7.39)	.09 (2.29)	.125 (3.18)	.093 (2.36)	.177 (4.50)	.355 (9.02)	.05 (1.27)	20°	15	96	.156 (3.96)	.177 (4.50)	.135 (3.43)
MS17186-4	.625 (15.88)	.437 (11.10)	.350 (8.89)	.12 (3.05)	.125 (3.18)	.093 (2.36)	.208 (5.28)	.417 (10.59)	.06 (1.52)	20°	22	96	.229 (5.82)	.250 (6.35)	.208 (5.28)
MS17186-5	.432 (10.97)	.287 (7.29)	.215 (5.46)	.09 (2.29)	.093 (2.36)	.078 (1.98)	.146 (3.71)	.292 (7.42)	.05 (1.27)	20°	13	120	.108 (2.74)	.125 (3.18)	.091 (2.31)
MS17186-6	.516 (13.11)	.350 (8.89)	.291 (7.39)	.09 (2.29)	.125 (3.18)	.093 (2.36)	.177 (4.50)	.355 (9.02)	.05 (1.27)	20°	21	120	.175 (4.45)	.192 (4.88)	.158 (4.01)
MS17186-7	.516 (13.11)	.350 (8.89)	.291 (7.39)	.09 (2.29)	.125 (3.18)	.093 (2.36)	.177 (4.50)	.355 (9.02)	.05 (1.27)	20°	15	96	.156 (3.96)	.177 (4.50)	.135 (3.43)
MS17186-8	.625 (15.88)	.437 (11.10)	.350 (8.89)	.12 (3.05)	.125 (3.18)	.093 (2.36)	.208 (5.28)	.417 (10.59)	.06 (1.52)	20°	22	96	.229 (5.82)	.250 (6.35)	.208 (5.28)

MATERIAL: Nos. 1, 2, 3, & 4 Aluminum alloy, Federal Specification QQ-A-318-Temper H34

Nos. 5, 6, 7, & 8 Commercial brass, Specification QQ-B-613B or QQ-B-626B

PROTECTIVE TREATMENT: Nos. 1, 2, 3, & 4 Dichromate, Specification MIL-C-5541

Nos. 5, 6, 7, & 8 Plating, black nickel, Specification MIL-P-18317, .0001(.00) to .0005(.01) thick

DIMENSIONS: All dimensions are in inches unless otherwise specified.

TOLERANCES: Unless otherwise specified, Decimals .005(.13), Angles ±1°

NOTES:

1. All tabs to be centralized about the center line.
2. For design feature purposes, this standard takes precedence over documents referenced herein.
3. Referenced documents shall be the issue in effect on date of invitations for bids.
4. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
5. Millimeters are in parentheses.

P.A. WP	INTERNET INTEREST	TITLE	MILITARY STANDARD
Other Cust		WASHER, DRIVE (SYNCHRO)	
NOU B	NATO		MS17186
Procurement Specification		SUPERSEDES.	SHEET 1 OF 2
NONE		MS17186 (WP) A	

DD FORM 672
25 OCT 63

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT 5990-0065

APPROVED 20 SEPT 1960 REVISED 9 April 1965

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APPROVED 20 SEPT 1960 REVISED 9 APR 1963

P.A. WP Other Cust MU II	International Interest NATO	TITLE WASHER, DRIVE (SYNCHRO)	MILITARY STANDARD MS17186
Procurement Specification NONE	SUPERSEDED MS 17186 (WP) A		SHEET 2 OF 2

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PROJECT 5990-0068