



NATIONAL AEROSPACE STANDARD

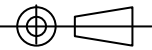
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FED. SUPPLY CLASS

INACTIVE FOR DESIGN AFTER 31 MAY 2012. NO SUPERSEDING STANDARD. FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

INACTIVE FOR DESIGN AFTER 31 MAY 2012

FORM 09-01	THIRD ANGLE PROJECTION 	CUSTODIAN ENGINEERING MANAGEMENT COMMITTEE	REVISION 5
	PROCUREMENT SPECIFICATION NONE	TITLE MILLING MACHINE - NUMERICALLY CONTROLLED PROFILING AND CONTOURING	CLASSIFICATION SPECIFICATION NAS913 SHEET 1 OF 31



NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036

1.0 SCOPE

1.1 Purpose

This specification provides a standard for the manufacture, performance, reliability, inspection and procurement of a series of rectangular table profile and contour milling machines having two, three, four and five axes of Numerically Controlled motion. This standard lists minimum requirements and is not intended to limit design advances.

1.2 Classification

The machines shall be of the following type, size and class as specified by the procuring agency.

1.2.1 Type Horizontal or Vertical; Single or Multiple Spindle.

Two Axes of Motion
Three Axes of Motion
Four Axes of Motion
Five Axes of Motion

1.2.2 Size

A - Small
B - Medium
C - Large
D - Extra Large

1.2.3 Class

I - Aluminum and steel milling machine (less than 230 KSI)
II - Super Alloy Milling Machine (including steel over 230 KSI)

1.3 Intended Use

This specification encompasses machines having the capability of efficiently machining present and predicted future Aerospace materials. The specification includes machines with high rigidity characteristics and appropriate speed and feed ranges for use in efficiently machining the entire spectrum of Aerospace material including aluminum, magnesium, steels, super alloys, refractories and other thermal resistant materials.

LIST OF CURRENT SHEETS

NO.	REV.	NO.	REV.	NO.	REV.	NO.	REV.	NO.	REV.
1	4	7	4	13	4	19	4	25	4
2	4	8	4	14	4	20	4	26	4
3	4	9	4	15	4	21	4	27	4
4	4	10	4	16	4	22	4	28	4
5	4	11	4	17	4	23	4	29	4
6	4	12	4	18	4	24	4	30	4

4 COMPLETELY REVISED

CUSTODIAN: MANUFACTURING COMMITTEE

PROCUREMENT
SPECIFICATION

TITLE
MILLING MACHINE - NUMERICALLY CONTROLLED
PROFILING AND CONTOURING

CLASSIFICATION
SPECIFICATION

NAS Documents
SHEET 1 OF 30