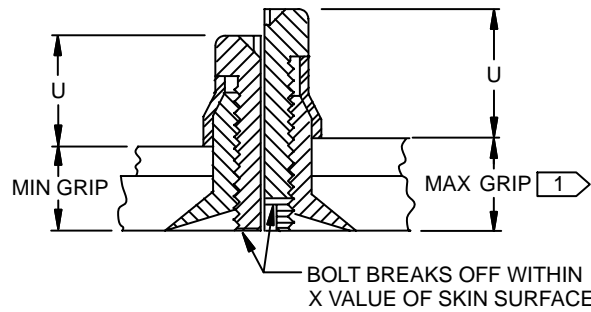
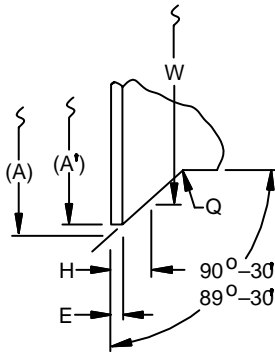
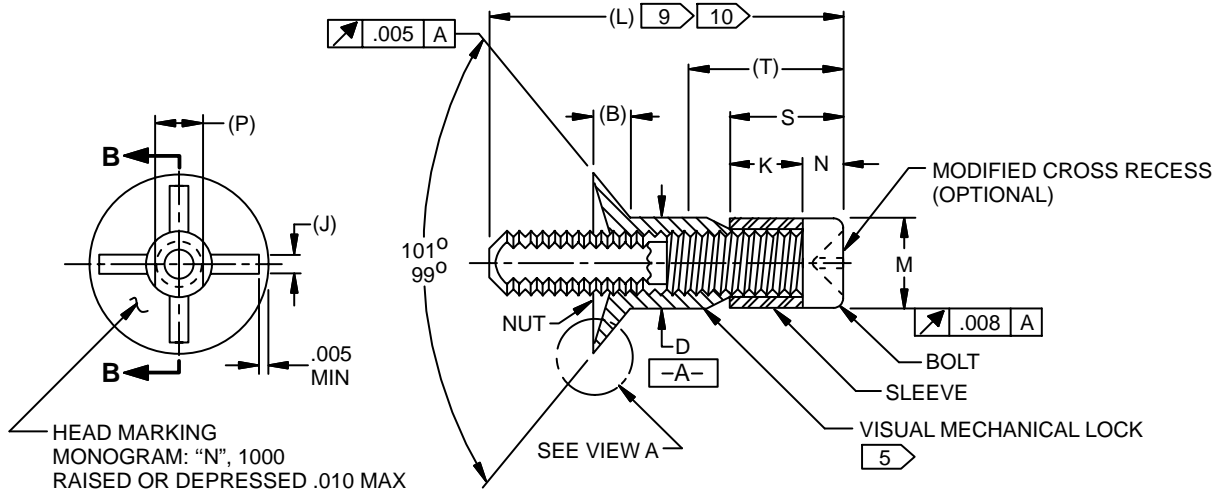


BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK



DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.

TECHNICAL CHANGES IDENTIFIED BY REVISION BAR.

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CAGE CODE 81205

BACB30AY
SH 1 OF 11

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY
SH 1 OF 11

**BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

BOOK 23. DO NOT USE FOR NEW DESIGN.FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK**TABLE I**

BOEING STANDARD NUMBER BACB30AY 8	NOMINAL SIZE	NUT										
		Ø A MAX REF 3	Ø A' MIN REF 3	B HEAD HEIGHT REF 3	Ø D	E LAND HEIGHT MAX	H GAGE PROTRUSION 4		J SLOT WIDTH REF	Q RAD ± .010	Ø W GAGE +.0002 -.0000	P REF
							NOM	± TOL				
5	.164	.334	.295	.072	.1645 .1625	.012	.0190	.0019	.035	.020	.2830	.083
6	.190	.388	.329	.084	.1990 .1970	.015	.0220	.0030	.043	.020	.3270	.101
8	.250	.511	.451	.111	.2600 .2580	.015	.0295	.0032	.052	.025	.4318	.133
10	.312	.640	.573	.139	.3125 .3095	.020	.0355	.0035	.067	.030	.5449	.149
12	.375	.768	.693	.167	.3750 .3720	.023	.0415	.0037	.077	.030	.6580	.182

TABLE I (CONTINUED)

BOEING STANDARD NUMBER BACB30AY 8	S +.030 -.015	T REF 6	U MAX 6	X BREAK OFF LIMITS	INSPECTION REQUIREMENTS ONLY 7	
					DOUBLE SHEAR LBS MIN	TENSILE STRENGTH LBS MIN
5	.243	.39	.267	+.020 -.068	3,760	970
6	.278	.42	.302	+.015 -.073	5,240	1,100
8	.323	.50	.346	+.010 -.078	9,300	2,040
10	.392	.59	.414	+.010 -.083	14,600	3,250
12	.483	.75	.470	+.010 -.093	21,000	5,650

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BACB30AY**SH 2****BOLT,
BLIND, 100 DEGREE HEAD****BACB30AY****SH 2****BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

TABLE II

GRIP DASH NUMBER 8	NOMINAL GRIP	STRUCTURE THICKNESS RANGE (FOR DESIGN)		.164 NOMINAL	.190 NOMINAL	.250 NOMINAL	.312 NOMINAL	.375 NOMINAL
	G	MIN	MAX	L 9	L 9	L 9	L 9	L 9
2	.125	.095	.156	.733	.853	.881	---	---
3	.188	.157	.219	.795	.916	.944	1.096	1.179
4	.250	.220	.281	.858	.978	1.006	1.158	1.242
5	.312	.282	.344	.920	1.041	1.069	1.221	1.304
6	.375	.345	.406	.983	1.103	1.131	1.283	1.367
7	.438	.407	.469	1.045	1.166	1.194	1.346	1.429
8	.500	.470	.531	1.108	1.228	1.256	1.408	1.492
9	.562	.532	.594	1.170	1.291	1.319	1.471	1.554
10	.625	.595	.656	1.233	1.353	1.381	1.533	1.617
11	.688	.657	.719	1.295	1.416	1.444	1.596	1.679
12	.750	.720	.781	1.358	1.478	1.506	1.658	1.742
13	.812	.782	.844	1.420	1.541	1.569	1.721	1.804
14	.875	.845	.906	1.483	1.603	1.631	1.783	1.867
15	.938	.907	.969	1.545	1.666	1.694	1.846	1.929
16	1.000	.970	1.031	1.608	1.728	1.756	1.908	1.992
17	1.062	1.032	1.094	---	1.791	1.819	1.971	2.054
18	1.125	1.095	1.156	---	1.853	1.881	2.033	2.117
19	1.188	1.157	1.219	---	1.916	1.944	2.096	2.179
20	1.250	1.220	1.281	---	1.978	2.006	2.158	2.242
LONGER LENGTHS MAY BE PROCURED BY USE OF PROPER DASH NUMBER. CONSULT PROCURING AGENT FOR AVAILABILITY. DIMENSIONS FOR LONGER PARTS MAY BE CALCULATED FROM VALUES BELOW, WHERE G = NOMINAL GRIP = .0625 X GRIP DASH NUMBER, ROUNDED TO 3 DECIMALS.								
	G	G-.030	G+.031	G+.608	G+.728	G+.756	G+.908	G+.992

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BACB30AY

SH 3

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY

SH 3

**BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

NOTES

- 1 TAPERED END OF NUT SHALL NOT FALL WITHIN MAXIMUM GRIP.
- 2 PART NUMBER INCLUDES ASSEMBLY OF BOLT, SLEEVE AND NUT.
- 3 DIMENSIONS "A", "A'" AND "B" ARE FOR ENGINEERING REFERENCE ONLY AND ARE NOT TO BE USED FOR INSPECTION. THEY ARE CALCULATED LIMITS RESULTING FROM THE TOLERANCES ON "D", "E", "H", "W", AND HEAD ANGLE.
- 4 INSPECT GAGE PROTRUSION "H" AT GAGE DIAMETER "W" PER D-11805. INSPECT WITH GAGES PER CLASS I FOR .164 SIZE AND CLASS IV FOR .190 THRU .375 SIZES.
- 5 LOCKING FEATURE CONSISTS OF (3) INDENTATIONS LOCATED 120 DEGREES APART ON THE PERIPHERY OF THE NUT APPROXIMATELY .040 ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER). DISTORTION OF "D" PERMISSIBLE IN LOCKING AREA.
- 6 "T" DIMENSION: MAXIMUM PROTRUSION ON BLIND SIDE BEFORE UPSET WITH MINIMUM GRIP (.06 LESS WITH MAXIMUM GRIP).

"U" DIMENSION: MAXIMUM PROTRUSION ON BLIND SIDE AFTER UPSET WITH MINIMUM OR MAXIMUM GRIP.
- 7 FOR TEST METHODS, SEE PROCUREMENT SPECIFICATION.
- 8 SEE CODING UNDER USAGE AND APPLICATION FOR COMPLETE BOEING PART NUMBER.
- 9 THE LENGTH TOLERANCE IS OPTIONAL FOR THE MANUFACTURER, PROVIDING THE PARTS ARE SUITABLE FOR INSTALLATION PER BAC5004-3.
- 10 SEE TABLE II FOR GRIP DASH NUMBER AND "L" DIMENSIONS. GRIP LENGTH IS IN .0625 INCREMENTS.

PROCUREMENT SPECIFICATION

NOT APPLICABLE TO THIS STANDARD.

INSPECTION REQUIREMENTS PER NAS498.

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BACB30AY

SH 4

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY

SH 4

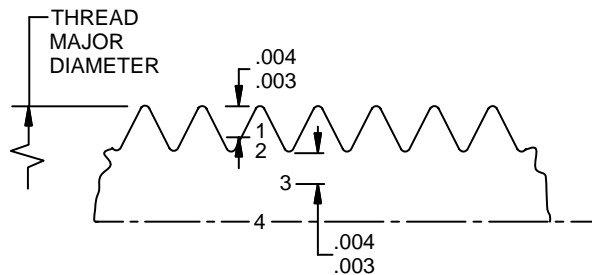
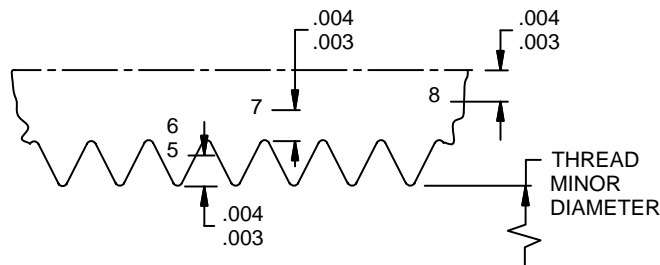
**BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

PROCUREMENT SPECIFICATION (CONTINUED)**MICROHARDNESS**

- MOUNT LONGITUDINAL CROSS SECTIONS OF FIVE SPECIMENS EACH (SIX OR MORE THREADS PER SPECIMEN) OF DISASSEMBLED BOLT AND NUT IN PLASTIC.
- GRIND OR CUT TO CENTER OF SPECIMENS WITHOUT BURNING OR OVERHEATING. MICRO POLISH SPECIMENS.
- MAKE HARDNESS TESTS AT FOUR LOCATIONS (CREST, MIDWAY, ROOT AND CORE) ON BOLTS AND FOUR LOCATIONS ON NUTS, SEE FIGURE 1 AND FIGURE 2. HARDNESS TESTS SHALL NOT BE TAKEN WITHIN .004 OF PERMISSIBLE DISCONTINUITIES.
- FOR REFEREE TESTS, A LOAD OF 500 GRAMS SHALL BE USED.

**FIGURE 1 BOLT****FIGURE 2 NUT**

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BACB30AY**SH 5**

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY**SH 5**

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

PROCUREMENT SPECIFICATION (CONTINUED)**MAGNETIC INSPECTION**

BOLTS AND NUTS (.1900–32 THREAD SIZE AND LARGER) SHALL BE INSPECTED PER ASTM E 1444 BY THE LONGITUDINAL METHOD ONLY, UNDER AN ANSI/ASQC Z1.4 LEVEL II SAMPLING PLAN HAVING AN AQL OF .035 PERCENT. MAGNETIC INSPECTION SHALL BE USED TO DETERMINE THE PRESENCE OF DISCONTINUITIES, SUCH AS CRACKS, SEAMS, LAPS AND INCLUSIONS. MAGNETIC PARTICLE INDICATIONS BY THEMSELVES SHALL NOT BE CAUSE FOR REJECTION. IF, IN THE OPINION OF THE INSPECTOR, THE INDICATIONS ARE CAUSE FOR REJECTION, REPRESENTATIVE SAMPLES OF THE PARTS WITH INDICATIONS SHALL BE MICRO-EXAMINED TO DETERMINE ACCEPTANCE OR REJECTION PER THE FOLLOWING:

DISCONTINUITIES IN THE BOLT PINTAIL, WHICH IS BROKEN OFF DURING INSTALLATION, OR THE FIRST THREAD ADJACENT TO THE BREAKNECK GROOVE SHALL NOT BE CAUSE FOR REJECTION. CRACKS SHALL BE CAUSE FOR REJECTION IF THEY ARE FOUND IN OTHER LOCATIONS ON THE BOLT AND/OR ANY LOCATION ON NUT. OTHER DISCONTINUITIES SHALL BE PERMISSIBLE IN ACCORDANCE WITH NAS498, EXCEPT HEAD DISCONTINUITIES SHALL NOT BE APPLICABLE TO 100 DEGREE HEADS OF BACB30AY NUTS.

PHYSICAL TESTS

STRENGTH TESTS OF INDIVIDUAL COMPONENTS OF BLIND BOLT NOT REQUIRED. TENSILE VALUES LISTED IN TABLE I APPLY TO COMPLETE FASTENERS INSTALLED PER BAC5004–3. TENSILE TESTS SHALL BE CONDUCTED IN FIXTURES PER D2–2860 WITHIN .02 OF THE MAXIMUM GRIP CONDITIONS AT A TEST SPEED OF APPROXIMATELY .025 PER MINUTE OR AN INITIAL LOAD RATE OF 50,000 PSI PER MINUTE. ALL PARTS FROM THE SAME INSPECTION LOT (SEE LOT DEFINITION USAGE AND APPLICATION INFORMATION SECTION) SHALL BE TESTED AT THE SAME SPEED. TENSILE FAILURE OCCURS AT FIRST DROP OFF OF LOAD CAUSED BY CRUSHING OF SLEEVE. TENSILE TESTS NOT APPLICABLE TO FASTENERS HAVING NOMINAL GRIP LESS THAN 2 TIMES NOMINAL SIZE. SHEAR VALUES LISTED IN TABLE I APPLY TO COMPLETE FASTENERS INSTALLED PER BAC5004–3. SHEAR TESTS SHALL BE CONDUCTED IN FIXTURES PER D2–2860. SHEAR TESTS NOT APPLICABLE TO FASTENERS HAVING NOMINAL GRIP OF LESS THAN 2.5 TIMES NOMINAL SIZE. SHEAR TESTS SHALL BE MADE ON FASTENERS IN DRIVEN CONDITION. CLAMP UP FASTENER IN A SPLIT BLOCK WITH LENGTH OF BORE EQUAL TO 2.5 TIMES NOMINAL SIZE PLUS .03. FOR LONGER GRIP LENGTHS ADD WASHERS OR SPACERS TO APPROXIMATE NOMINAL GRIP CONDITION. REMOVE DRIVEN FASTENER FROM SPLIT BLOCK AND INSERT IN SHEAR JIG. ALTERNATE METHOD: REMOVE SLEEVES FROM ASSEMBLIES TO BE TESTED. ROTATE BOLT IN NUT UNTIL BOLT-HEAD BEARING SURFACE IS WITHIN .050 OF END OF NUT. INSERT IN TEST JIG. SEE TABLE III.

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BACB30AY**SH 6**

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY**SH 6**

BOOK 23. DO NOT USE FOR NEW DESIGN.FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK**PROCUREMENT SPECIFICATION (CONTINUED)****TABLE III VARIABLES SAMPLING PLAN FOR TENSION AND SHEAR TESTS**

LOT SIZE	SAMPLE		TOTAL	FIRST SAMPLE		COMBINE SAMPLES K_t
	NO	SIZE		K_a	K_r	
UNDER 201	FIRST	5	5	2.21	.89	---
	SECOND	10	15	---	---	1.74
201 THRU 500	FIRST	6	6	2.22	.94	---
	SECOND	12	18	---	---	1.70
501 THRU 1300	FIRST	7	7	2.32	1.10	---
	SECOND	14	21	---	---	1.78
1301 & OVER	FIRST	8	8	2.48	.99	---
	SECOND	16	24	---	---	1.81

EVALUATE EACH SAMPLE FOR TENSILE AND SHEAR AS FOLLOWS:

FIRST SAMPLE: ACCEPT IF $\bar{X}_1 - K_a S_1 \geq M$; REJECT IF $\bar{X}_1 - K_r S_1 < M$.

TAKE SECOND SAMPLE IF LOT IS NOT ACCEPTED OR REJECTED.

SECOND SAMPLE: ACCEPT IF $\bar{X}_t - K_t S_t \geq M$; REJECT IF $\bar{X}_t - K_t S_t < M$.

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BACB30AY

SH 7

**BOLT,
BLIND, 100 DEGREE HEAD****BACB30AY**

SH 7

**BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

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FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

PROCUREMENT SPECIFICATION (CONTINUED)**DEFINITION OF TERMS**

M = MINIMUM TENSILE OR SHEAR VALUE PER TABLE I.

X_1 = INDIVIDUAL VALUE IN FIRST SAMPLE; \bar{X}_1 = AVERAGE OF X_1 VALUES

X_t = INDIVIDUAL VALUE IN COMBINED SAMPLE; \bar{X}_t = AVERAGE OF X_t VALUES

ΣX_1^2 = SUM OF SQUARES OF X_1 VALUES; ΣX_t^2 = SUM OF SQUARES OF X_t VALUES

$(\Sigma X_1)^2$ = SQUARE OF SUM OF X_1 VALUES; $(\Sigma X_t)^2$ = SQUARE OF SUM OF X_t VALUES

n_1 = NO. OF PARTS IN 1ST SAMPLE; n_t = NO. OF PARTS IN COMBINED SAMPLE

$$S_1 = \sqrt{\frac{n_1 \Sigma X_1^2 - (\Sigma X_1)^2}{n_1(n_1 - 1)}} \quad ; \quad S_t = \sqrt{\frac{n_t \Sigma X_t^2 - (\Sigma X_t)^2}{n_t(n_t - 1)}}$$

("S" IS THE BEST ESTIMATE OF THE STANDARD DEVIATION)

\geq = MATHEMATICAL SYMBOL FOR "IS EQUAL TO OR GREATER THAN"

$<$ = MATHEMATICAL SYMBOL FOR "IS LESS THAN"

$\sqrt{}$ = MATHEMATICAL SYMBOL FOR "SQUARE ROOT"

K_a , K_r , AND K_t ARE COEFFICIENTS OF "S" WHICH ARE USED TO DETERMINE ACCEPTANCE OR REJECTION OF LOT REPRESENTED BY SAMPLE.

LOT DEFINITION

A LOT SHALL CONSIST OF FINISHED BLIND BOLTS WHICH ARE OF THE SAME HEAD STYLE, GRIP AND DIAMETER, FABRICATED BY THE SAME PROCESS, AND PRODUCED AS ONE CONTINUOUS RUN OR ORDER, OR PART THEREOF. ALL CORE BOLTS IN EACH LOT SHALL BE MADE FROM THE SAME HEAT OF MATERIAL, HEAT TREATED AT THE SAME TIME IN THE SAME FURNACE AND PRODUCED AS ONE CONTINUOUS RUN OR ORDER OR PART THEREOF. ALL NUTS IN EACH LOT SHALL BE MADE FROM THE SAME HEAT OF MATERIAL; HEAT TREATED AT THE SAME TIME IN THE SAME FURNACE AND PRODUCED AS ONE CONTINUOUS RUN OR ORDER OR PART THEREOF. ALL SLEEVES IN EACH LOT SHALL BE MADE FROM THE SAME HEAT OF MATERIAL, HEAT TREATED AT THE SAME TIME IN THE SAME FURNACE AND PRODUCED AS ONE CONTINUOUS RUN OR ORDER OR PART THEREOF. LOTS WITHIN A SHIPMENT ARE TO BE IDENTIFIED AND SEGREGATED.

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BACB30AY

SH 8

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY

SH 8

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

MATERIAL

- BOLT AND NUT – STEEL, 8740 PER MIL-S-6049 OR AMS 6322, 4130 PER MIL-S-6758, 4340 PER AMS 6415 OR AMS 6484 OR 4330M PER AMS 6411.
- SLEEVE – CORROSION RESISTANT STEEL, 302 PER AMS 5636, 303SE PER AMS 5641 OR 304 PER AMS 5639, ANNEALED, SHALL NOT CRACK DURING INSTALLATION.

HEAT TREATMENT

BOLT AND NUT – HEAT TREAT TO PRODUCE MICROHARDNESS OF VICKERS DPH 390 TO 465. THE HARDNESS LIMITS APPLY TO ALL PARTS TESTED IN ANY LOT. BASIC MATERIAL AND HEAT TREAT ATMOSPHERE SHALL BE CONTROLLED SO THAT CARBURIZATION OR DECARBURIZATION SHALL NOT RESULT IN HARDNESS RANGE IN ANY ONE PART WHICH EXCEEDS 50 DPH POINTS. FURTHER, THE AVERAGE OF THE DPH READING ON FIVE SPECIMENS SHALL BE DETERMINED FOR EACH OF THE FOUR LOCATIONS, SEE FIGURE 1 AND FIGURE 2, AND THE RANGE OF THESE AVERAGES SHALL NOT EXCEED 40 DPH POINTS.

IF ANY ONE OF THE MICROHARDNESS READINGS IS OUTSIDE THE 390–465 LIMIT, A NEW VALUE MAY BE SUBSTITUTED IF IT CONFORMS TO THE FOLLOWING: THE NEW VALUE MUST BE THE AVERAGE OF FIVE READINGS TAKEN AT LOCATIONS SIMILAR TO THE REJECTED READING OF THE SAME PART. ALL FIVE ADDITIONAL READINGS SHALL BE WITHIN 390–465 LIMITS AND THE RANGE OF THESE READINGS SHALL NOT EXCEED 40 DPH POINTS.

VENDOR PROCESS CONTROL AND HARDNESS TESTS SHALL BE SUFFICIENT TO ENSURE THAT PARTS SHIPPED TO BOEING OR A SUBCONTRACTOR WILL HAVE AN ACCEPTABLE QUALITY CONFORMING TO .65 AQL OPERATING CHARACTERISTIC CURVE SHOWN IN ANSI/ASQC Z1.4. BOEING OR SUBCONTRACTOR RECEIVING INSPECTION SHALL CONDUCT SURVEILLANCE INSPECTION TO ENSURE MAINTENANCE OF REQUIRED QUALITY.

FINISH

- NUT AND BOLT – CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. CADMIUM PLATE PER NAS672 PERMISSIBLE PROVIDED IT IS FOLLOWED BY A DICHROMATE POST TREATMENT PER AMS-QQ-P-416.
- SLEEVE – 303SE, PASSIVATE PER AMS-QQ-P-35 TYPE II; 302 OR 304 PASSIVATE PER AMS-QQ-P-35 TYPE VI OR VII OR 303SE, 302 OR 304 CADMIUM PLATE PER AMS-QQ-P-416 TYPE I, CLASS 3.

LUBRICATION

SOLID FILM LUBE, WAX AND/OR CETYL ALCOHOL. LUBRICANTS MAY BE APPLIED TO ANY AND ALL COMPONENTS AS REQUIRED FOR PERFORMANCE.

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BACB30AY**SH 9**

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY**SH 9**

**BOEING PART STANDARD
BOOK 23. DO NOT USE FOR NEW DESIGN.**

BOOK 23. DO NOT USE FOR NEW DESIGN.

FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

PROCUREMENT

MONOGRAM AEROSPACE FASTENERS, 3423 S GARFIELD AVE,
LOS ANGELES CA 90022-0547 (CAGE CODE 98524)

INSTALLATION TOOLS MAY BE PROCURED FROM MONOGRAM AEROSPACE FASTENERS
OR ZEPHR MANUFACTURING CO, INC/LOK-FAST, 201 HINDRY AVE,
INGLEWOOD CA 90301-1519 (CAGE CODE 67179)

THE MANUFACTURERS LISTED AND THEIR AUTHORIZED DISTRIBUTORS ARE THE ONLY
APPROVED SOURCES FOR THE ABOVE PRODUCTS. NO CHANGES IN PRODUCT
DESIGN, BASIC METHODS OF MANUFACTURE, PLANT SITE OR QUALITY LEVEL SHALL BE
MADE WITHOUT PRIOR NOTIFICATION AND PRIOR APPROVAL IN WRITING FROM THE
BOEING COMPANY. MANUFACTURERS OF COMPETITIVE PRODUCTS MAY APPLY TO A
SUPPLIER MANAGEMENT AND PROCUREMENT DEPARTMENT OF THE BOEING
COMPANY FOR APPROVAL.

THIS IS A MANUFACTURER-DESIGNED PRODUCT. BOEING MAKES NO REPRESENTATION
WHATEVER REGARDING PATENT OR OTHER RIGHTS AFFECTING THE PRODUCT. THE
LISTING OF ANY SUPPLIER DOES NOT IMPLY ANY DETERMINATION BY THE BOEING
COMPANY OR BY ANY OTHER LISTED MANUFACTURER AS TO THE RIGHTS OF SUCH
MANUFACTURER.

USAGE AND APPLICATION INFORMATION**LIMITATION**

1. USE WHERE LOADS ARE PRIMARILY SHEAR;
2. USE WHERE FASTENER IS PART OF PERMANENT STRUCTURE, NOT NORMALLY
SUBJECT TO REPLACEMENT OR SERVICING;
3. USE ONLY WHERE STANDARD FASTENERS ARE NOT SUITABLE;
4. DO NOT USE WHERE PARTS OF FASTENER COULD GET INTO ENGINE AIR INTAKE, IF
FASTENER FAILS;
5. DESIGN ALLOWABLES FOR VARIOUS SHEET THICKNESSES AND MATERIAL
COMBINATIONS SHOULD BE SUBSTANTIATED BY TEST DATA.

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BACB30AY

SH 10

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY

SH 10

**BOEING PART STANDARD
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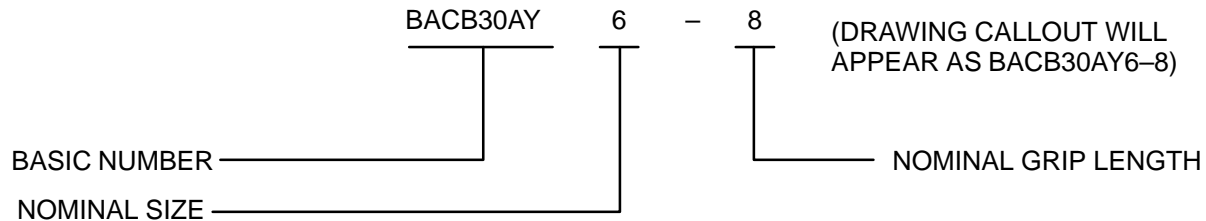
FOR STATUS OF INACTIVATION
SEE APPLICABILITY BLOCK

CODING

FIRST DASH NUMBER DESIGNATES NOMINAL SIZE PER TABLE I.

SECOND DASH NUMBER DESIGNATES NOMINAL GRIP IN .0625 INCREMENTS. SEE TABLE II.

EXAMPLE OF PART NUMBER



SEE D-590-PREFACE (INDEX) FOR INACTIVATION DEFINITIONS. SEE D-590-SUPERSESSION-LIST FOR SUPERSESSION CLASS DEFINITIONS AND SUPERSESSION LIST. SEE D-590-BOEING-TO-VENDOR FOR VENDOR PART NUMBERS.

INACTIVATION APPLICABILITY

- BCAG –** BACB30AY()W() IS INACTIVE FOR DESIGN AND PROCUREMENT.
BACB30AY()-() IS A CLASS II SUPERSESSION.
- BACB30AY5-() AND BACB30AY6-() ARE INACTIVE FOR DESIGN AND PROCUREMENT.
BACB30LA5-() AND BACB30LA6-() ARE CLASS II SUPERSESSIONS, RESPECTIVELY.
- BACB30AY8-2, BACB30AY10-3, AND BACB30AY12-3 ARE INACTIVE FOR DESIGN AND PROCUREMENT.
NO SUPERSEDING PARTS.
- BACB30AY8-(3 AND LONGER), BACB30AY10-(4 AND LONGER), AND
BACB30AY12-(4 AND LONGER) ARE INACTIVE FOR DESIGN AND PROCUREMENT.
BACB30LA8-(3 AND LONGER), BACB30LA10-(4 AND LONGER), AND
BACB30LA12-(4 AND LONGER) ARE CLASS II SUPERSESSIONS, RESPECTIVELY.
- BD&SG AND BH –** BACB30AY()W() IS INACTIVE FOR DESIGN AND PROCUREMENT.
BACB30AY()-() IS A CLASS I SUPERSESSION.
- BACB30AY()-() IS INACTIVE FOR NEW DESIGN.
SEE MS21140U().

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BACB30AY

SH 11

**BOLT,
BLIND, 100 DEGREE HEAD**

BACB30AY

SH 11