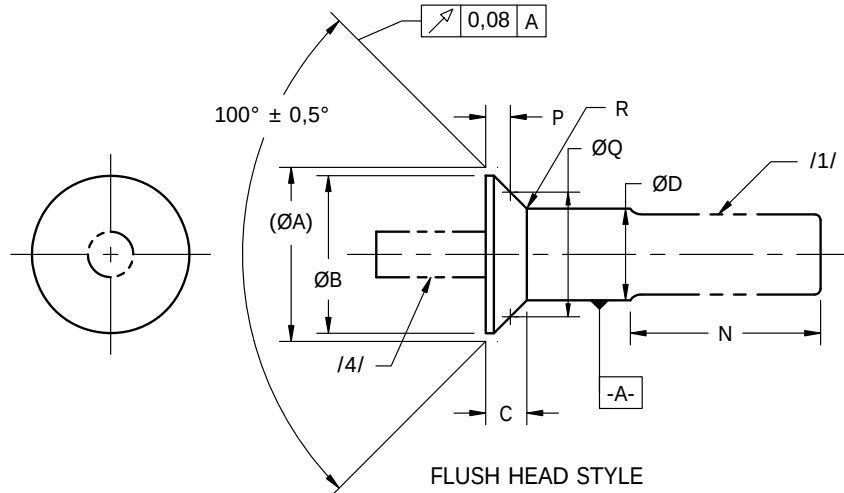
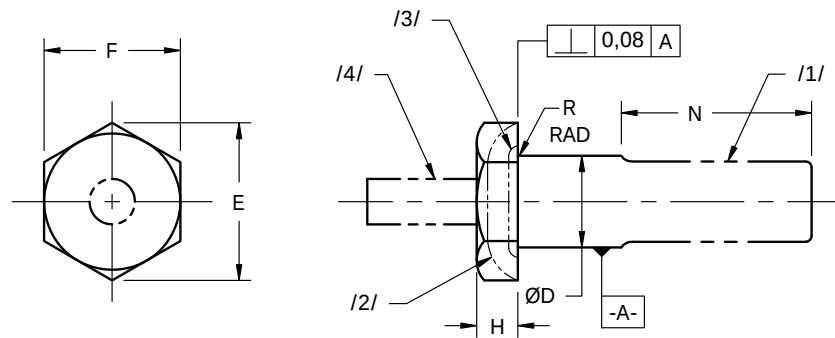




FLUSH HEAD STYLE



PROTRUDING HEAD STYLE

TABLE I – DIMENSIONS

DIA CODE	(ØA) THEOR /5/	ØB MIN	(C) /5/	ØD		E MIN	F		H		N MAX	P /6/		ØQ /6/	R RAD	
				MAX	MIN		MAX	MIN	MAX	MIN		MAX	MIN		MAX	MIN
040	8,0	7,2	1,7	4,00	3,95	7,6	7,00	6,85	2,5	2,2	10,0	0,62	0,54	6,5	0,4	0,2
050	10,0	9,0	2,1	5,00	4,95	8,7	8,00	7,85	3,0	2,7	11,0	0,71	0,63	8,3	0,5	0,3
060	12,0	10,8	2,5	6,00	5,95	10,9	10,00	9,78	3,5	3,2	12,5	0,79	0,71	10,1	0,7	0,5
080	16,0	14,8	3,4	8,00	7,94	13,2	12,00	11,73	4,5	4,2	15,5	0,92	0,84	13,8	0,7	0,5
100	20,0	18,8	4,2	10,00	9,94	15,5	14,00	13,73	5,0	4,7	16,5	1,04	0,96	17,5	0,8	0,6

NOTES:

- /1/ "ØD" max limits apply over the entire shank length. "ØD" min limits apply only in the grip portion. "N" is the blind side protrusion beyond maximum grip, prior to installation. Before and after installation dimensions of the blind head area are defined in the product standard.
- /2/ An optional pan head is acceptable if it is entirely enclosed within the envelope defined by "ØB" and a head height of "H". Actual pan head limits within this envelope are defined by the product standard.

① COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN		REVISION	
		NATIONAL AEROSPACE STANDARDS COMMITTEE		1	
		TITLE		CLASSIFICATION	
PROCUREMENT SPECIFICATION	NONE	BOLT, BLIND, DESIGN ELEMENTS, METRIC		DESIGN STANDARD	
				NONE	



Documents
SHEET 1 OF 2

- /3/ An optional head undercut is acceptable as defined in the product standard.
- /4/ Driving provisions are defined in the product standard.
- /5/ Dimensions “(ØA)” and “(C)” are included for engineering reference purposes only.
- /6/ Dimensions for “P” gage protrusion shall be inspected per NA0048. “ØQ” limits are as defined in NA0048.
- (7) Dimensions in millimeters.

SUMMARY OF COMPATIBILITY WITH ISO

There currently are no ISO standards or resolutions pertaining directly to blind bolts. ISO/TC20/SC4 agreements on design features for other fastener types have been applied however, whenever these agreements are appropriate to blind bolts.

TABULATED PARAMETER	ISO/TC20/SC4		OTHER CRITERIA
	RESOLUTION	REFERENCE DOCUMENT	
A		N1079	
B		N1079	
C		N1079	
D _{MAX}	169		TOLERANCE h10 FROM ISO/R286 (PERMANENT FASTENERS)
D _{MIN}			
E	410		
F	146,379		NORMAL SERIES FOR 040, 050 AND 060; REDUCED SERIES FOR 080 AND 100
H	144,555	N1235	NORMAL SERIES
N			CURRENT BLIND BOLT PRACTICE
P		N1079	
Q		N1079	
R	384		

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1
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