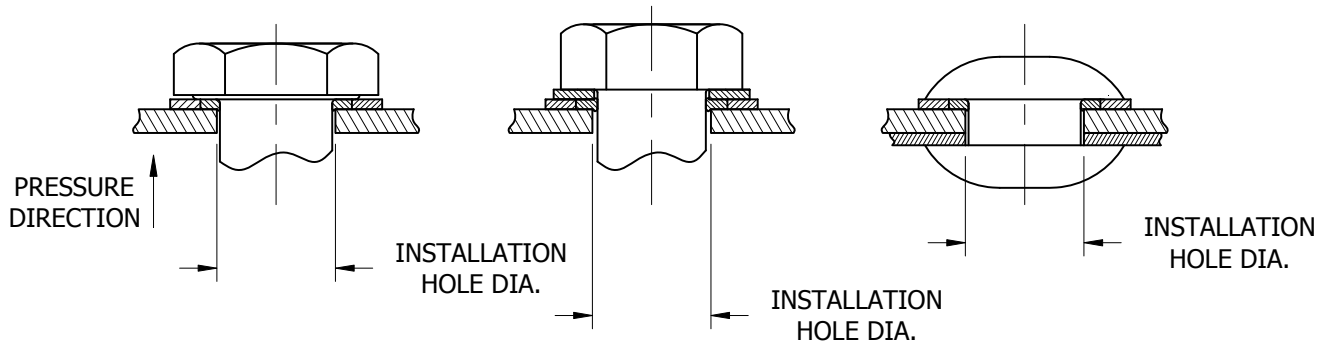
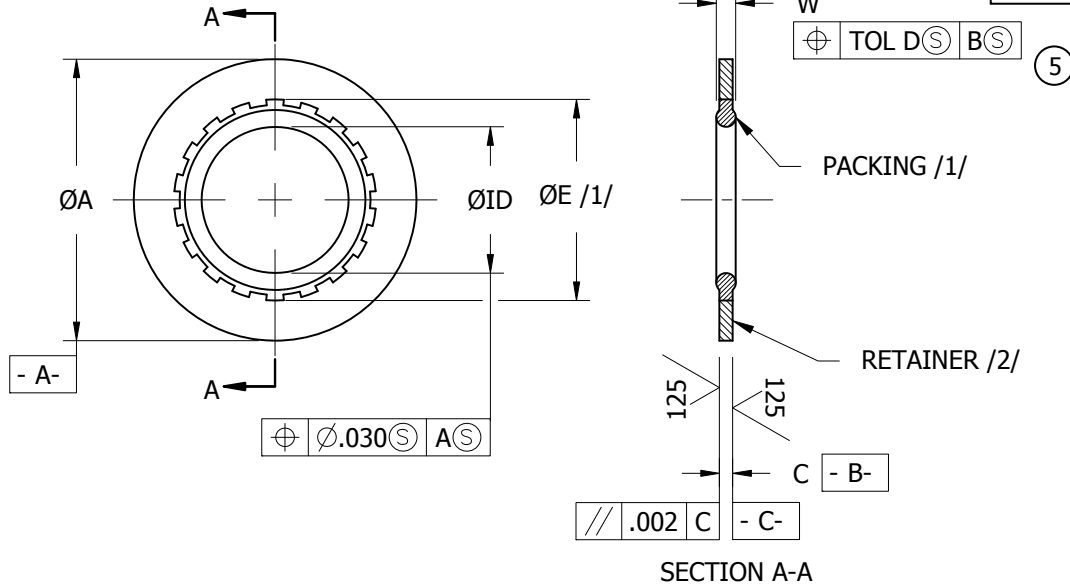


FED.SUPPLY CLASS

5330



⑤ FIGURE 1 – TYPICAL INSTALLATIONS

MATERIAL:

RETAINER:

- ⑤ ALLOY STEEL 4130 (UNS G41300) PER AMS6350, AMS6351 OR AMS6345; HEAT TREATED TO 26-33 HRC.
CRES 301 (UNS S30100) PER AMS5901 OR AMS5518; OR CRES 302 (UNS S30200) PER AMS5516 OR AMS5904; OR CRES 304 (UNS S30400) PER AMS5513 OR AMS5911.
ALUMINUM ALLOY 7075-T6 (UNS A97075) PER AMS-QQ-A-250/12.

PACKING:

SEE TABLE II.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NONE	TITLE PACKING WITH RETAINER	CLASSIFICATION PART STANDARD NAS1523 SHEET 1 OF 4

FINISH: ALLOY STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 EXCEPT COLOR MAY INCLUDE BLACK #13.
CRES - PASSIVATE PER AMS2700, METHOD 1, CLASS 4
ALUMINUM ALLOY - ANODIC COAT, MIL-A-8625, TYPE II, CLASS 1, (UNDYED) OR CLASS 2 (DYED)

CODE: A DASH OR LETTER AFTER THE BASIC NUMBER INDICATES THE MATERIAL OF THE RETAINER.
"S" = ALLOY STEEL, 4130
"C" = CRES
"AA" = ALUMINUM ALLOY
DASH NUMBER INDICATES THE SIZE OF THE PACKING AND RETAINER (SEE TABLE I).
THE LETTER AFTER THE DASH NUMBER INDICATES THE MATERIAL OF THE PACKING AND COLOR CODE (SEE TABLE II, CODE DESIGNATION).

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EXAMPLE OF PART NUMBER:

NAS1523-10E = ALLOY STEEL RETAINER, FLUOROCARBON PACKING FOR 5/8 INCH SCREW
NAS1523C12N = CRES RETAINER, BUTYL RUBBER PACKING FOR 3/4 INCH SCREW
NAS1523AA3H = ALUMINUM ALLOY RETAINER, SILICONE PACKING FOR A #10 SCREW

5 TABLE I – DIMENSIONS

DASH NUMBER	SCREW SIZE (REF)	ØA +.020 -.005	ØID ±.010	C	W	D 5	ØE MAX	INSTALLATION HOLE DIA MAX (REF)
04	#4	.312	.100	.027 ±.004	.038 ±.003	.005	.176	.128
06	#6	.375	.130	.040 ±.004	.050 ±.003	.005	.229	.154
08	#8	.375	.156				.255	.180
3	#10	.438	.180				.317	.205
4	1/4	.500	.240				.445	.265
5	5/16	.593	.301				.508	.344
6	3/8	.656	.364				.571	.406
7	7/16	.750	.427	.050 ±.005	.072 ±.005	.008	.634	.468
8	1/2	.875	.490				.696	.531
9	9/16	1.062	.552				.759	.594
10	5/8	1.188	.615				.818	.656
11	11/16	1.250	.674				.924	.718
12	3/4	1.312	.740				.982	.781
13	13/16	1.406	.798				1.048	.843
14	7/8	1.500	.864				1.105	.906
15	15/16	1.625	.921				1.172	.968
16	1	1.750	.988				1.234	1.032
17	1 1/16	1.812	1.050	.064 ±.005	.096 ±.005	.008	1.290	1.093
18	1 1/8	1.875	1.106				1.351	1.156
19	1 3/16	1.937	1.167				1.413	1.218
20	1 1/4	2.000	1.229				1.474	1.281
21	1 5/16	2.062	1.290				1.536	1.344
22	1 3/8	2.125	1.352				1.597	1.406
23	1 7/16	2.187	1.413				1.641	1.468
24	1 1/2	2.250	1.475				1.820	1.531
26	1 5/8	2.375	1.600				1.945	1.656
28	1 3/4	2.500	1.725	.091 ±.005	.133 ±.005	.008	2.070	1.781
30	1 7/8	2.625	1.850				2.195	1.906
32	2	2.750	1.975				2.320	2.031

REVISION

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NAS1523
SHEET 2

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