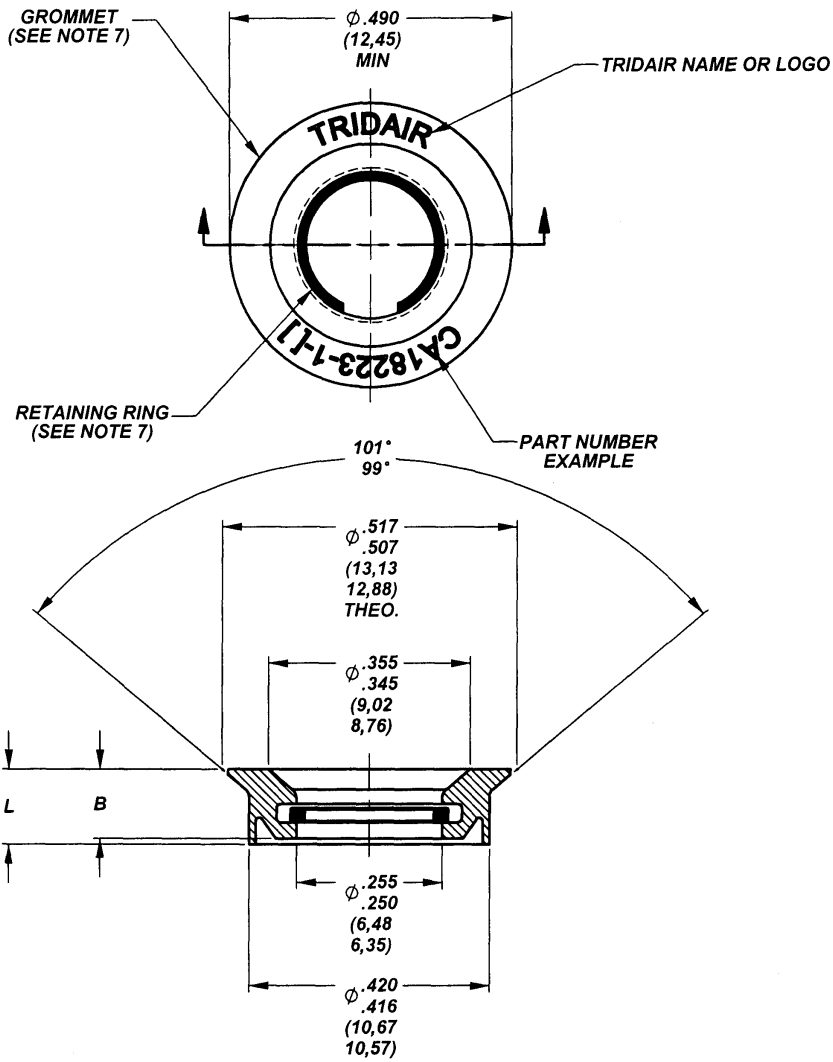
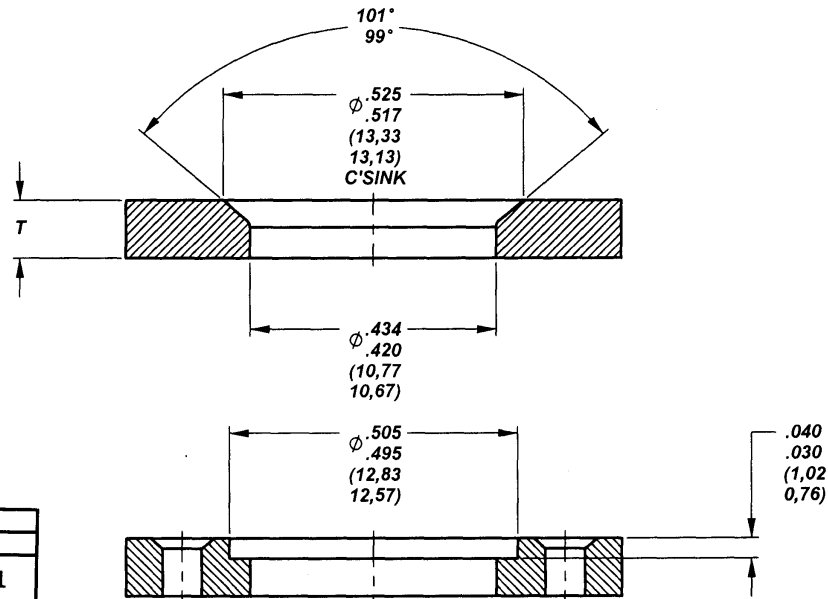


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PANEL PREPARATION



INTERIM DOCUMENT REVISION		
Rev.	Date	DAF#
L1	10/8/2018	117431

APPROVED DATE
5 SEP 90

REV. LETTER AND DATE
L1 29 NOV 10

DAF NUMBER

DAF 94774

CURRENT DESIGN ACTIVITY:



ARCONIC

Arconic Fastening Systems

TRIDAIR PRODUCTS
3000 W. LOMITA BLVD.
TORRANCE, CA 90505

TITLE:

**GROMMET ASSEMBLY
STUD HOLD-OUT**

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES &
ASME Y14.5M TOLERANCES:

ANGLES = ±3°
DECIMALS .XX = ±.02
.XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

CA18223-()

SHEET 1 OF 3

S41119

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TABLE 1

DASH NUMBER	INCH DIMENSIONS					
	L		B		T	
-1	.098	.112	.090	.100	.065	.075
-2	.103	.117	.095	.105	.075	.085
-3	.113	.127	.105	.115	.085	.095
-4	.123	.137	.115	.125	.095	.105
-5	.133	.147	.125	.135	.105	.115
-6	.143	.157	.135	.145	.115	.125
-7	.148	.162	.135	.145	.120	.130
-7A	.153	.167	.145	.155	.125	.135
-8	.163	.177	.155	.165	.135	.145
-9	.173	.187	.165	.175	.145	.155
-10	.183	.197	.175	.185	.155	.165
-11	.193	.207	.185	.195	.165	.175
-12	.203	.217	.195	.205	.175	.185
-13	.213	.227	.205	.215	.185	.195
-14	.223	.237	.215	.225	.195	.205
-15	.233	.247	.225	.235	.205	.215
-16	.243	.257	.235	.245	.215	.225


TABLE 2

DASH NUMBER	METRIC DIMENSIONS (Millimeters; x,xx)					
	L		B		T	
-1	2,49	2,84	2,290	2,540	1,650	1,910
-2	2,62	2,97	2,413	2,667	1,905	2,159
-3	2,87	3,23	2,667	2,291	2,159	2,413
-4	3,12	3,48	2,921	3,175	2,413	2,667
-5	3,38	3,73	3,175	3,429	2,667	2,921
-6	3,63	3,99	3,429	3,683	2,921	3,175
-7	3,76	4,11	3,429	3,683	3,048	3,302
-7A	3,89	4,24	3,683	3,937	3,175	3,429
-8	4,14	4,50	3,937	4,191	3,429	3,683
-9	4,39	4,75	4,191	4,445	3,683	3,937
-10	4,65	5,00	4,445	4,699	3,937	4,191
-11	4,90	5,26	4,699	4,953	4,191	4,445
-12	5,16	5,51	4,953	5,207	4,445	4,699
-13	5,41	5,77	5,207	5,461	4,699	4,953
-14	5,66	6,02	5,461	5,715	4,953	5,207
-15	5,92	6,27	5,715	5,969	5,207	5,461
-16	6,17	6,53	5,969	6,223	5,461	5,715

NOTES; UNLESS OTHERWISE SPECIFIED:

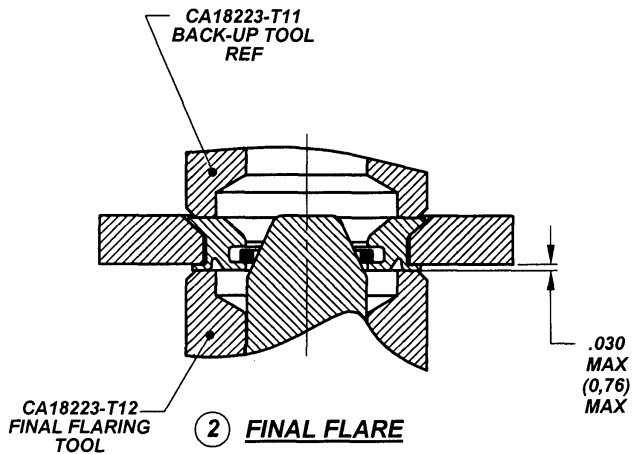
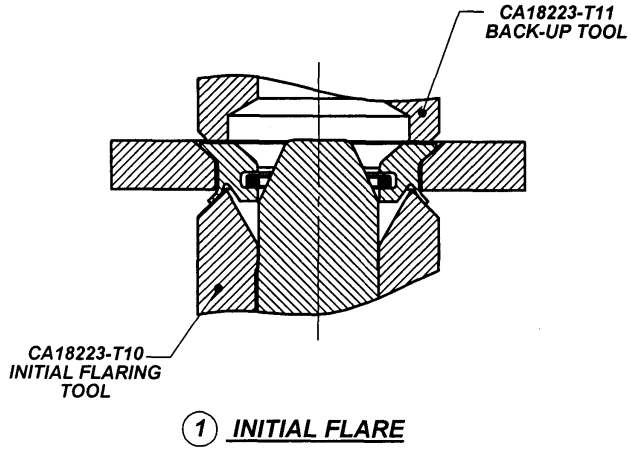
1. MATERIAL:
 - 1.1 GROMMET: 300 SERIES CRES PER AMS5640, ASTM-A-581/ASTM-A-582.
 - 1.2 RETAINING RING: 17-7PH CRES PER AMS5673/AMS5678.
 2. HEAT TREAT:
 - 2.1 GROMMET: NONE.
 - 2.2 RETAINING RING: Rc 43 MINIMUM PER AMS-H-6875, AMS2759.
 3. FINISH: PASSIVATED PER AMS2700.
 4. USE WITH CA18231-()HS OR EQUIVALENT STUDS NUTS AS SHOWN TO PROVIDE FLUSH. RETRACTION REQUIRED FOR REMOVAL OF NOSE CONES, RADOMES, LEADING EDGE, ETC.
 5. CONSULT ALCOA'S ENGINEERING DEPARTMENT FOR AVAILABILITY OF OPTIONAL MATERIALS, FINISHES AND SIZES.
 6. DIMENSIONS: $\frac{\text{INCHES}}{\text{MILLIMETERS}}$
- <7> COMPONENTS MAY BE ORDERED SEPARATELY BY PART NUMBER:
- 7.1 GROMMET: PART NUMBER CA18223G-().
 - 7.2 RETAINING RING: PART NUMBER CA18185SP.

INTERIM DOCUMENT REVISION		
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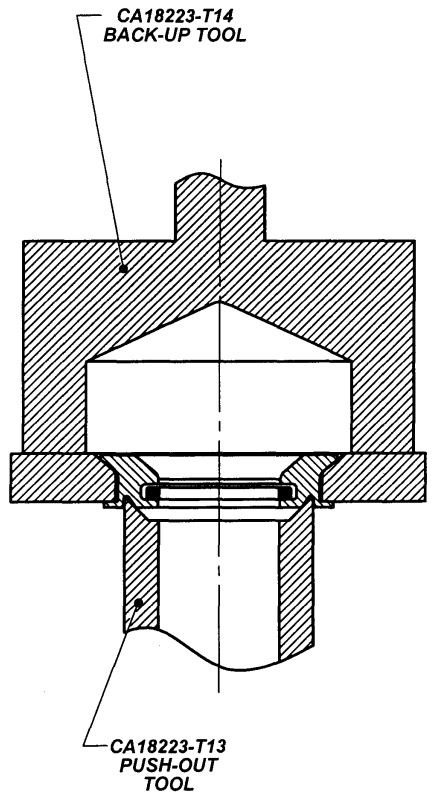
APPROVED DATE 5 SEP 90 REV. LETTER AND DATE 20 NOV 10 DAF NUMBER CA DAF 94774 <i>WAB</i>	CURRENT DESIGN ACTIVITY:  ARCONIC Arconic Fastening Systems TRIDAIR PRODUCTS 3000 W. LOMITA BLVD. TORRANCE, CA 90505	TITLE: GROMMET ASSEMBLY STUD HOLD-OUT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES: ANGLES = ±3° DECIMALS .XX = ±.02 .XXX = ±.010	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372 SALES DRAWING NO. CA18223-() SHEET 2 OF 3
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Camloc . Delron . Deutsch . Huck . K-Fast . Kaynar . Microdot . RAM . Rosan . Screwcorp . Tridair . Voi - Shan

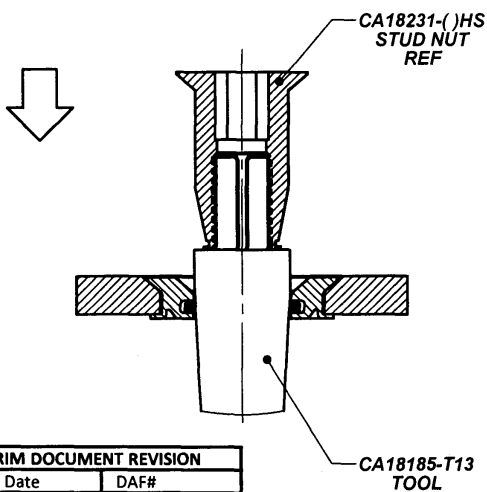
GROMMET INSTALLATION



GROMMET REMOVAL

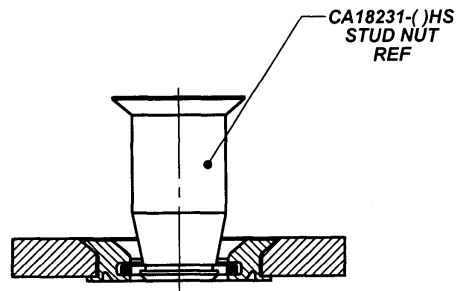


STUD INSTALLATION



INTERIM DOCUMENT REVISION		
Rev.	Date	DAF#
L1	10/8/2018	117431

STUD IN HOLD-OUT POSITION



APPROVED DATE
5 SEP 90

REV. LETTER AND DATE
L1 29 NOV 10

DAF NUMBER
DAF 94771

CURRENT DESIGN ACTIVITY:



ARCONIC

Arconic Fastening Systems

TRIDAIR PRODUCTS
3000 W. LOMITA BLVD.
TORRANCE, CA 90505

TITLE:

**GROMMET ASSEMBLY
STUD HOLD-OUT**

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CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

CA18223-()

SHEET 3 OF 3

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