

MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT IS ABSOLUTELY PROHIBITED

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PROJECT NUMBER: 13PNL010

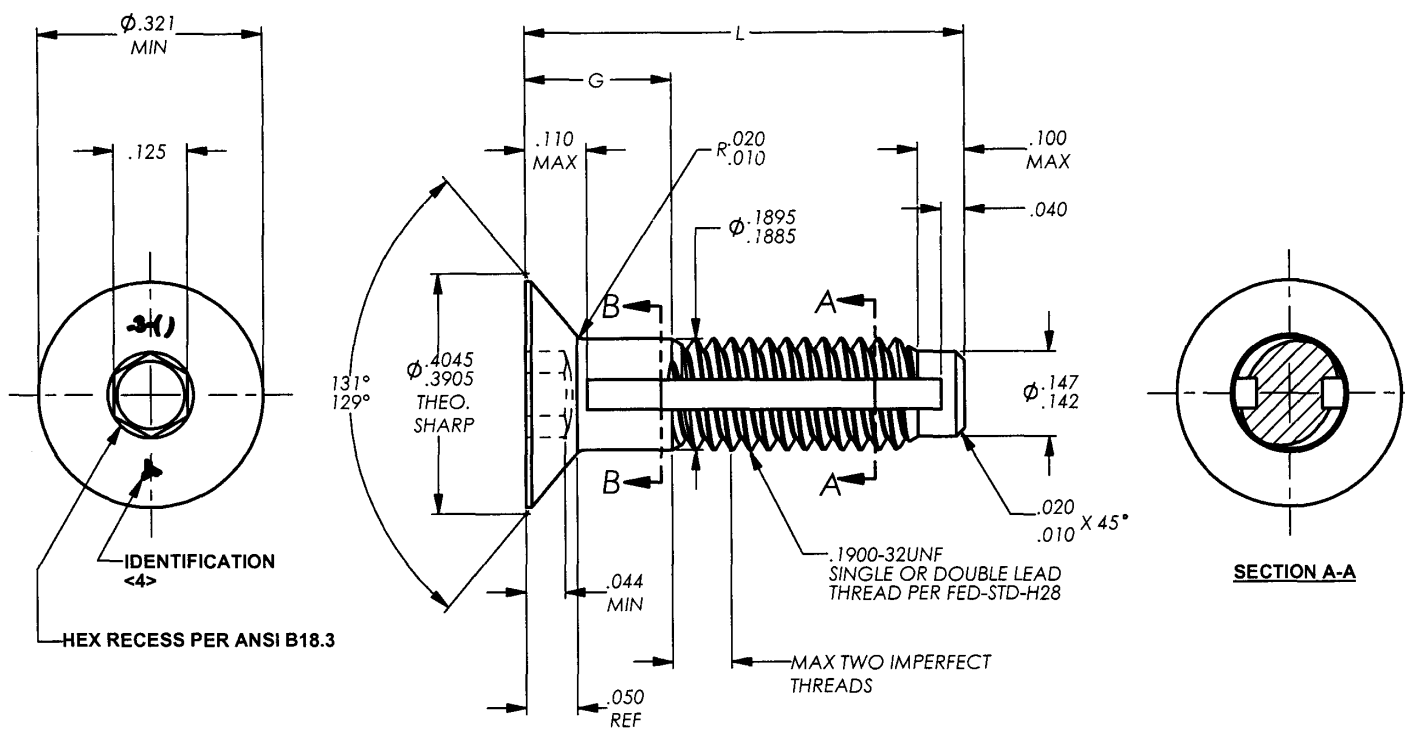


TABLE 1

DASH NUMBER	GRIP RANGE		G	L
	MINIMUM	MAXIMUM		
-0	.093	.124	.124	.645
-1	.125	.187	.187	.708
-2	.188	.250	.250	.771
-3	.251	.312	.312	.834
-4	.313	.375	.375	.897
-5	.376	.437	.437	.950
-6	.438	.500	.500	1.023
-7	.501	.652	.562	1.086
-8	.563	.625	.625	1.149
-9	.626	.687	.687	1.212
-10	.688	.750	.750	1.275

TABLE 2 <7>

MATERIAL	ULTIMATE TENSILE STRENGTH MINIMUM	ULTIMATE SHEAR STRENGTH MINIMUM ACROSS A-A	ULTIMATE SHEAR STRENGTH MINIMUM ACROSS B-B
300 SERIES CRES	1,200 LBS.	718 LBS.	980 LBS.
A286 CRES	2,425 LBS.	1,450 LBS.	1,950 LBS.

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

APPROVED DATE 9 APR 13	CURRENT DESIGN ACTIVITY: ARCONIC Arconic Fastening Systems	TITLE: SCREW, 130° HEAD, CAPTIVE, CRES	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372 SALES DRAWING NO. CA22082-3-()
REV. LETTER AND DATE NEW 9 APR 13	TRIDAIR PRODUCTS 3000 W. LOMITA BLVD. TORRANCE, CA 90505	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES: ANGLES = ±3° DECIMALS .XX = ±.02 .XXX = ±.010	SHEET 1 OF 2

NOTES; UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:
 - 1.1 300 SERIES CRES PER AMS-QQ-S-763.
 - 1.2 A286 CRES PER AMS5732 OR AMS 5737.
2. HEAT TREAT:
 - 2.1 SCREW: PER AMS2759 OR AMS5737 TO MEET MECHANICAL PROPERTIES (A286 CRES ONLY).
3. FINISH:
 - 3.1 PASSIVATED PER AMS2700.
 - 3.2 (OPTIONAL) BLACK OXIDE PER MIL-C-13924
- <4> IDENTIFICATION SHALL INCLUDE "TRIDAIR" NAME OR LOGO, FIRST AND SECOND DASH NUMBER RAISED OR DEPRESSED .010 MAXIMUM DEPTH. MARKING METHOD AND ORIENTATION OPTIONAL.
5. SCREW TO BE USED WITH CA21062-()R RETAINING RING TO CAPTIVATE TO PANEL. SCREW MAY ALSO BE USED WITH CA21062-()W WASHER OR CA21062-()S SPACER AS AN ALTERNATE TO A COUNTERBORE IN THE TOP PANEL OR SUBSTRUCTURE FOR THE RETAINING RING.
6. FOR INSTALLATION INSTRUCTIONS PLEASE REFER TO CAL-STD-0140, SHEET 6.
- <7> THE MECHANICAL PROPERTIES SHOWN ARE CALCULATED VALUES. MECHANICAL PROPERTIES TESTING MAY NOT BE PERFORMED ON EACH PRODUCTION LOT.


8. PART NUMBER EXAMPLE:

- 8.1 CA22082 - 3 - 4
 L = .897, G = .375
 NOMINAL SIZE (3/16), SINGLE LEAD
 300 SERIES, PASSIVATED FINISH
 BASIC PART NUMBER
- 8.2 CA22082 B 3 - 4
 300 SERIES, BLACK OXIDE FINISH
- 8.3 CA22082 C 3D - 4
 NOMINAL SIZE (3/16), DOUBLE LEAD
 A286 CRES, PASSIVATED FINISH

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DAF NUMBER DAF 104006			CA22082-3-() SHEET 2 OF 2

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