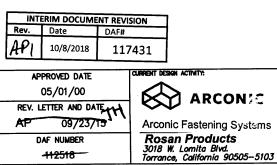


 Camloc .	Delron .	Deutsch .	Huck .	K–Fast .	Kaynar .	Microdot .	RAM .	Rosan .	Screwcorp .	Tridair .	Voi-Shan	

				TABLE						
	BASIC PART	A	В	ØC	D	(E)	(F)	G	J	
	NUMBER <7>	INT. THD. CLASS-3B <3> <6>	EXT. THD. CLASS-3A	Ø MAX. MINOR SPECIAL	+.008 002	+.015 000			±.010	<4> ±1
	SR086L	.0860-56 UNC	.1380-40 UNF	.1073	.086	.042	.073		.170	21
	SR086	.0000 00 0110	.1000 +0 0111					.080	.130	
MINIATURE	SR110L	.1120-40 UNC	.1640-32 UNC	.1380	.116	.060	.092		.190	15
E	SR110			<u></u> .				.100		
Ì	SR142L	.1380-32 UNC	.1900-32 UNF	.1620	.142	.080	.113	.120	.210	17
Σ	SR142						.138	.120		
	SR162L	.1640-32 UNC	.2160-28 UNF	.1890	.169	.080	.130	.150	.250	20
	SR162						.157	.150		
	SR192L SR192	.1900-32 UNF	.2500-28 UNF	.2170	.192	.080	.137	.180	.290	20
	SR192						.157			
	SR194L SR194	.1900-24 UNC	.2500-28 UNF	.2170	.192	.080		.180	.290	20
	SR174 SR258L					00.7	.210			~ ~ ~
	SR258	.2500-28 UNF	.3125-24 UNF	.2785	.252	.095		.240	.380	24
	SR250L	0.500 00.000	0105 0 () 115	0705	050	005	.210		.380	24
	SR250	.2500-20 UNC	.3125-24 UNF	.2785	.252	.095		.240	.300	24
_	SR314L	0105 0 (11) 15	0750 04 11015	2405	214	110	.266		.470	29
R I	SR314	.3125-24 UNF	.3750-24 UNF	.3405	.314	.110		.310	.4/0	27
STRUCTURAL	SR318L	.3125-18 UNC	2750 04 UNE	.3405	.314	.110	.266		.470	29
ž	SR318	3125-18 UNC	.3750-24 UNF	.3405	.514	.110		.310		
ST S	SR374L	.3750-24 UNF	.4375-20 UNF	.4010	.377	.110	.322		.560	34
	SR374	.3730-24 0141	.4575-20 0141	.4010	.0/7	.110		.370		
	SR376L	.3750-16 UNC	.4375-20 UNF	.4010	.377	.110	.322		.560	34
	SR376	.0/00 10 0110						.370		
	SR430L	.4375-20 UNF	.5000-20 UNF	.4630	.439	.135	.377		.660	39
	SR430							.430		
	SR434L	.4375-14 UNC	.5000-20 UNF	.4630	.439	.135	.377	.430	.660	39
	SR434						.439	.430		
	SR500L	.5000-20 UNF	.5625-24 UNEF	.5290	.505	.135	.437	.490	.750	44
	SR500 SR503L						.439			
	SR503L SR503	.5000-13 UNC	.5625-24 UNEF	.5290	.505	.135		.490	.750	44
<u> </u>	SR505 SR568L					<u> </u>	.481		0.12	10
	SR568	.5625-18 UNF	.6875-12UN	.6130	.571	.145		.550	.840	42
	SR562L			(100		1.15	.481		0.40	42
	SR562	.5625-12 UNC	.6875-12UN	.6130	.571	.145		.550	.840	42
	SR628L	(050 10 (0))	7500 17 18 15	/070	124	145	.534		.940	46
LARGE	SR628	6250 -18 UNF	.7500-16 UNF	.6870	.634	.145		.620	.740	40
N N	SR621L	4050 11 UNC	.7500-16 UNF	.6870	.634	.145	.534		.940	46
	SR621	.6250-11 UNC	./500-16 UNF	.00/0	.004	.145		.620	., 40	
	SR756L	.7500-16 UNF	.8750-20 UNEF	.8240	.756	.170	.648		1.120	44
	SR756	/ JUU-10 UINF	.0/ 00-20 01425	.0270	.,	L		.750		<u> </u>
	SR750L	.7500-10 UNC	.8750-20 UNEF	.8240	.756	.170	.648		1.120	44
l	SR750	.7000-10 0110						.750		L

THIS DRAWNG EMBODIES A CONFIDENTIAL, PROPARETARY DESIGN & ALL DESIGN, MANUFACTURING PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EDPRESSLY RESERVED.

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



-112518

TITLE:

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

SLIMSERT INSERT

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

CAGE CODE:	83324	
SALES DRAWING	3 NO.	
SR () SE	RIES	
CULET	2 OF 5	

Camloc . Delron . Deutsch . Huck . K-Fast . Kaynar . Microdot . RAM . Rosan . Screwcorp . Tridair . Voi-Shan

			TAI	BLE II			
CODE	MATERIAL	MAGNETIC	HEAT TREAT	FINISH	TEMPERATURE RANGE		
N/A				PASSIVATE PER AMS 2700 PLUS SOLID FILM LUBE PER AS5272, TYPE I	-110°/+650°F		
0001 <8>		PASSIVATE PER AMS 2700					
0004	1 7-4 PH	YES	Rc 35-42	PASSIVATE PER AMS 2700 PLUS SILVER PLATE PER AMS2410, .0002 MIN. THK.	-110°/+900°F		
0008	(PER AMS 5643)		KC 55 42	IVD ALUMINUM COATING PER MIL-DTL-83488 TYPE II, CLASS 3 PLUS SOLID FILM LUBRICANT PER AS5272, TYPE I	UP TO 600°F		
0009				IVD ALUMINUM COATING PER MIL-DTL-83488 TYPE I, CLASS 2	UP TO 600°F		
0021 <8>				PASSIVATE PER AMS 2700	-400°/+1200°F		
0024	A286 (AMS 5731,	f f		PASSIVATE PER AMS 2700 PLUS SILVER PLATE PER AMS2411, .0002 MIN. THK.	-400°/+1200°F		
0025	AMS 5734, OR AMS 5737)	NO	Rc 32-40	PASSIVATE PER AMS 2700 PLUS SOLID FILM LUBE PER AS5272, TYPE I	-400°/+650°F		
0029	<9>			IVD ALUMINUM COATING PER MIL-DTL-83488 TYPE II, CLASS 3 PLUS SOLID FILM LUBRICANT PER AS5272, TYPE I	UP TO 600°F		
0036	4130 (AMS6370) OR 8740 (AMS6322)	YES	Rc 25-34	CAD PLATE PER AMS-QQ-P-416, TYPE III, CL.3 PLUS SOLID FILM LUBE PER AS5272, TYPE I	UP TO +450°F		
	EXCEPT F(<2> "E" & "F" D <3> THREADS	DR SIZES SR086L & IMENSIONS APPL PER FED-STD-H28/	SR086L(), SE Y TO THIS END 2 AND AS NO	TED PRIOR TO THE ADDITION OF			
	EXTERNAL Ø MINOR INTERNAL	THREAD IS SPECI. PER TABLE I. Ø N THREAD Ø MINO	AL FORM-BASI	NG WHERE APPLICABLE. IC UNIFIED WITH INCREASED PITCH PER -3A TOLERANCES. PT SCREWS AND BOLTS WITH AS8879 THREADS.			
		RS PERMISSIBLE IN					
	(e)	: STEEL, NICKEL, 1	ITANIUM, etc.	Equired for Installation in Hard Materials). Applicable for Inserts with -E0450. Allation into hard Materials.			
	<5> THREAD N	ARKS PERMISSIBL	E IN COUNTER	RBORE.			
			•	ADS HAVE A MODIFIED Ø MINOR.			
		NUMBER CODIN					
7431	<9> MAGNETI	C PERMEABILITY F	OR PARTS FAE	LABLE WITHOUT INTERNAL LOCKING FEATURE. BRICATED FROM A-286 MATERIAL SHALL BE LESS S			
117	THAN 2.000 (AIR 1.000) H = 200 OERSTEDS. <10> STANDARD TAPS, IN SIZES INDICATED, ARE USED TO TAP ALL HOLES.						
11 11		MODIFIED BY OV	-				
8	<12> SWAGE C	PERATION REQUI	RED TO ACHIE	EVE POSITIVE EXTERNAL LOCK.			
Date 10/8/2018			-	OSAN DRIVE TOOL & SWAGE TOOL IS MANDATORY. DLE DRILLING. WHEN USED TO DRILL A BLIND HOLE,			
H	IT MAY BE	NECESSARY TO C	GRIND THE DRI	LL TO SUIT DEPTH REQUIRED. IN THE INSTALLATION HOLE OF HARD MATERIALS.			
Rev.		WOBBLE BROACH					
	16. DIMENSIC	NS APPLY AFTER	PLATING AND	BEFORE THE ADDITION OF SOLID FILM LUBRICANT.			

REFER TO WOBBLE BROACH IN TABLE III. 16. DIMENSIONS APPLY AFTER PLATING AND BEFORE THE ADDITION OF SOLID FILM LUBRICANT.

APPROVED DATE	CURRENT DESIGN ACTIVITY:	TITLE:			CURRENT DESIGN ACTIVITY: CAGE CODE: 83324
05/01/00 REV. LETTER AND DATE		SLIMSERT	INSERT		SALES DRAWING NO.
AP 09/23/15	Arconic Fastening Systems				SR () SERIES
DAF NUMBER 1125 18	Rosan Products 3018 W. Lomita Blvd.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES &	ANGLES DECIMALS	$= \pm 3^{\circ}$.XX = ±.02 .XXX = ±.010	SHEET 3 OF 5

MANUFACTURING

DESIGN & ALL DESIGN,

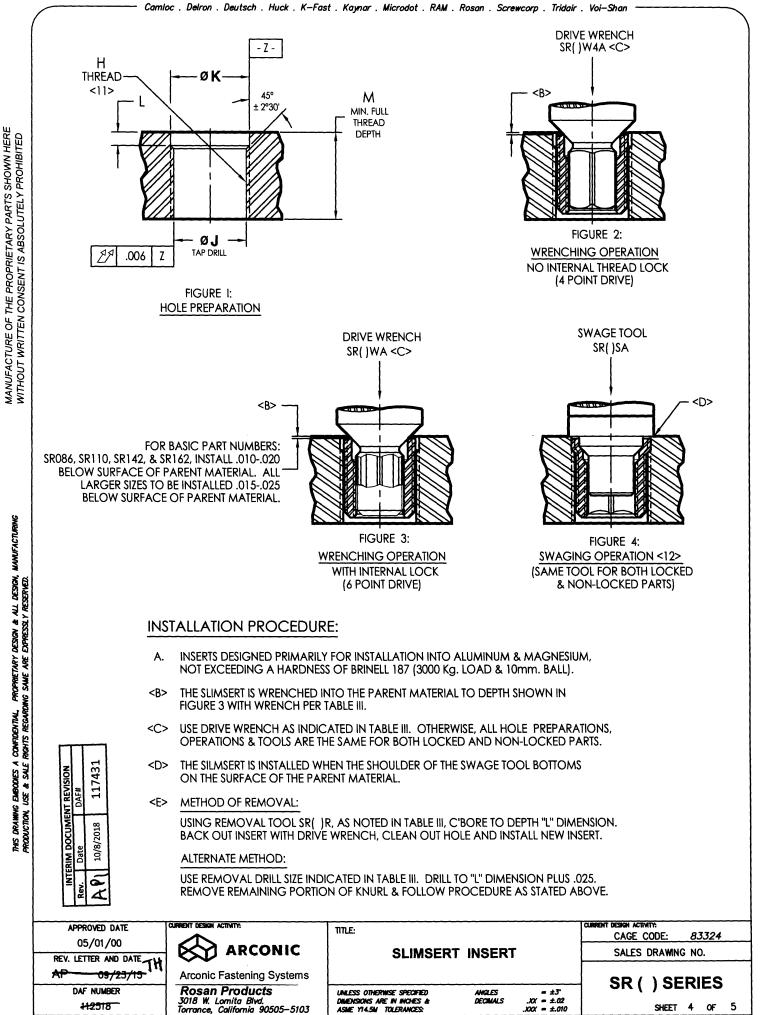
PROPRIETARY

NING

SHEET 4

 $x \alpha = \pm .010$

OF



						TA	BLE III					
BASIC	Н	Ø J <11>	К	L	М				TOOLING			
PART NUMBER <7>	THREAD CLASS-3B <10> <11>	TAP DRILL +.004 001	+.004 001	¢	MIN.	STEP DRILL <14>	DRIVE WRENCH	SWAGE TOOL	REMOVAL TOOL <e></e>	REMOVAL DRILL <e></e>	WOBBLE BROACH <15>	
SR086L SR086	.1380-40 UNF	.113 (#33)	.138	.050 .045	.160	SR08D	SR08WA SR08W4A	SR08SA		.1285 (#30)		
SR110L SR110	.1640-32 UNC	.140 (#28)	.164	.052	.220	SR11D	SR11WA SR11W4A	SR11SA	SR11R	.156 (5/32)	SRPBT11WB OR WB	
SR142L SR142	.1900-32 UNF	.166 (#19)	.187	.065	.240	SR14D	SR14WA SR14W4A	SR14SA	SR14R	.173 (#17)	SRPBT14WB OR WB	
SR162L SR162	.2160-28 UNF	.191 (#11)	.216	.065	.280	SR16D	SR16WA SR16W4A	SR16SA	SR16R	.205 (#5)	SRPBT16WB OR WBA	
SR192L SR192 SR194L SR194	.2500-28 UNF	.221 (#2)	.250	.082	.325	SR19D	SR19WA SR19W4A SR19WA SR19W4A	SR19SA	SR19R	.234 (15/64)	SRPBT19WB OR WB/	
SR258L SR258 SR250L SR250	.3125-24 UNF	.281 (9/32)	.312	.082	.415	SR25D	SR25WA SR25W4A SR25WA SR25WA SR25W4A	SR25SA	SR25R	.297 (19/64)	SRPBT25WB OR WB	
SR314L SR314 SR318L SR318	.3750-24 UNF	.343 (11/32)	.375	.082	.505	SR31D	SR31WA SR31W4A SR31WA SR31WA SR31W4A	SR31SA	SR31R	.359 (23/64)	SRPBT31WB OR WB,	
SR374L SR374 SR376L SR376	.4375-20 UNF	.404 (Y)	.437	.113	.595	SR37D	SR37WA SR37WA SR37WA SR37WA SR37W4A	SR37SA	SR37R	.422 (27/64)	SRPBT37WB OR WB/	
SR430L SR430 SR434L SR434	.5000-20 UNF	.468 (15/32)	.500	.113	.695	SR43D	SR43WA SR43W4A SR43WA SR43W4A	SR43SA	SR43R	.484 (31/64)	SRPBT43WB OR WB	
SR500L SR500 SR503L SR503	.5625-24 UNEF	.531 (17/32)	.562	.113	.785	SR50D	SR50WA SR50W4A SR50WA SR50W4A	SR50SA	SR50R	.546 (35/64)	SRPBT50WB OR WB	
SR568L SR568 SR562L SR562	.6875-12 UN	.625 (5/8)	.687	.150	.873	SR56D	SR56WA SR56W4A SR56WA SR56W4A	SR56SA	SR56R	.672 (43/64)	SRPBT56WB OR WB,	
SR628L SR628 SR621L	.7500-16 UNF	.703 (45/64)	.750	.156	.967	SR62D	SR62WA SR62W4A SR62WA	SR62SA	SR628R SR621R	.734 (47/64)	SRPBT62WB OR WB	
SR621 SR756L SR756	8750-20 HNEE	.836 (53.5 / 64)	875	.156	1.155	SR75D	SR62W4A SR75WA SR75W4A	SR75SA	SR756R	.859 (55/64)		
SR750L SR750	.07.50-20 UNEF	.00 (00.07 04)					SR75WA SR75W4A	317334	SR750R	.007 (00704)		
			Rev	the second s		DAF#						
			A	_	/8/2018	11743:	1					
	APPROVED DATE CURRENT DESIGN ACTIVITY:			TTLE:					CAGE CODE: 83324			
05/01/			RCO	ONIC	:		SLIMSE	RT INSE	RT		ES DRAWING NO.	
\P09	ND DATE JH	Arconic Fas			ns					SR	() SERIES	
DAF NUME	SCR	Rosan Pi 3018 W. Lom	roauc	15	1	UNLESS OTHER	inse specified	ANGLE	5 = ±3 ¥S .XX = ±.0	- 1		