

SIMMONDS PART NUMBER	THREAD	A ±.010	C ±.002	D		F ±.003	G Ref.	H max.	M Ref.	V ±.005	APPROX WEIGHT LB/100
				max.	min.						
DA 502	.0860-56 UNJC-3B	.156	.129	.101	.096	.040	.109	.095	.040	.020	.02
DB 502						.060			.060		.02
DC 502						.090			.090		.03
DA 504	.1120-40 UNJC-3B	.203	.160	.133	.128	.040	.143	.122	.040	.020	.04
DB 504						.060			.060		.04
DC 504						.090			.090		.05
DA 506	.1380-32 UNJC-3B	.234	.192	.157	.152	.040	.173	.130	.040	.025	.06
DB 506						.060			.060		.06
DC 506						.090			.090		.07
DA 508	.1640-32 UNJC-3B	.281	.223	.183	.178	.040	.198	.130	.040	.025	.09
DB 508						.060			.060		.09
DC 508						.090			.090		.10
DA 53	.1900-32 UNJF-3B	.328	.254	.215	.210	.040	.222	.130	.040	.030	.12
DB 53						.060			.060		.12
DC 53						.090			.090		.14
DA 54	.2500-28 UNJF-3B	.391	.316	.260	.255	.040	.297	.224	.040	.040	.23
DB 54						.060			.060		.25
DC 54						.090			.090		.28

Contact Alcoa for the diameter/type in manufacturing.

■ Dimensions in Inch.

**MATERIAL :** Non magnetic, heat and corrosion resistant steel ( A286 ) per AMS-5525, 5735 or 5737

**FINISH :** Silver Plate, AMS 2410.

**PERFORMANCE :** NASM 25027 except Torque Out according to NASM45938/6.

**THREADS :** In accordance with AS-8879 before lubrication.

**MARKING :** Only Ø - 3 and - 4 : SD + letter C on the area indicated on the drawing.

**APPLICATION :** Type DA, DB and DC parts are particularly suited for use in applications involving installations in thin Aluminum or soft steel sheets or plates having small mounting areas making the use of a miniature fixed type nut desirable. The adaptability of two shaft lengths to many sheet thicknesses is worth of note since it minimizes nut stocking requirements for numerous applications.

**NUT- CLINCH FLUSH MOUNTING , MINIATURE , 800°F**

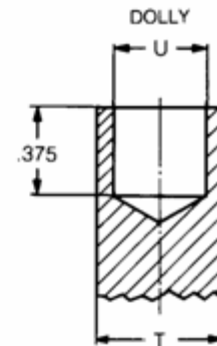
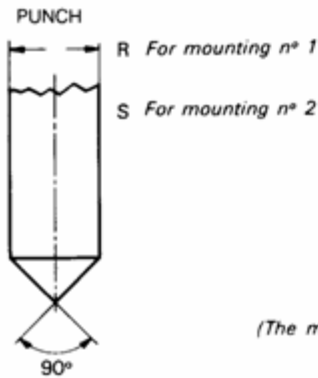
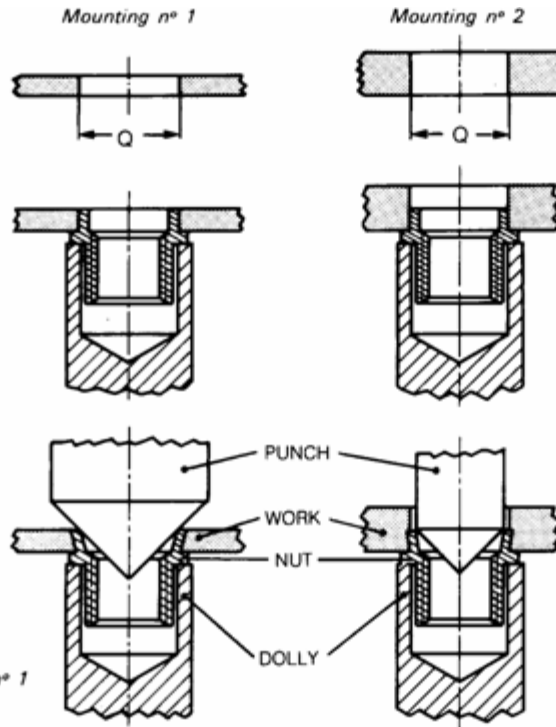
**DA-DB-DC  
5\*\***

F0224

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**UNJ**



Dimensions of the punches and dolly  
(The manufacturing of setting tools must be done by the user.)

THREAD	Q HOLE DIAMETERS	MOUNTING	PUNCH		DOLLY	
			R	S +.000 -.002	T	U +.003 -.000
.0860-56	.124-.126	1	.307		.179	.119
		2		.120		
.1120-40	.155-.157	1	.307		.213	.155
		2		.151		
.1380-32	.187-.189	1	.307		.243	.183
		2		.183		
.1640-32	.218-.220	1	.419		.281	.208
		2		.214		
.1900-32	.249-.251	1	.419		.328	.232
		2		.214		
.2500-28	.311-.313	1	.419		.391	.307
		2		.308		

■ Dimensions in Inch.

### MOUNTING RECOMMENDATIONS

- a) Respect carefully the installation hole diameter tolerance.
- b) The nut and installation hole diameter axis must be perpendicular to the sheet surface.

<b>NUT- CLINCH FLUSH MOUNTING , MINIATURE , 800°F</b>			<b>DA-DB-DC 5**</b>
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