## Arconic Fastening Systems

Arconic Fixations Simmonds SAS
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Les détails des formes non cotées sont à la discrétion du fabricant.
Details of form, not stated, are at the manufacturer's option.


Fig 2


| SIMMONDS PART NUMBER | THREAD | Fig | A <br> Min. | B |  | $\begin{gathered} C \\ \pm .005 \end{gathered}$ | D |  | $\begin{gathered} F \\ \pm .010 \end{gathered}$ | H |  | $\begin{gathered} \mathrm{J} \\ \pm .002 \end{gathered}$ | $\begin{gathered} \mathrm{K} \\ +.005 \\ +.000 \\ \hline \end{gathered}$ | R | V <br> Max. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Max. | Min. |  | Max. | Min. |  | Max. | Min. |  |  |  |  |
| SNLA039-04 | .1120-40 UNJC-3B | 1 | . 984 | . 416 | . 328 | . 344 | . 260 | . 198 | . 200 | . 218 | . 140 | . 688 | . 098 | $\begin{aligned} & \hline .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-06 | .1380-32 UNJC-3B | 1 | . 984 | . 416 | . 328 | . 344 | . 260 | . 198 | . 200 | . 234 | . 160 | . 688 | . 098 | $\begin{aligned} & .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-08 | .1640-32 UNJC-3B | 1 | . 984 | . 416 | . 328 | . 344 | . 270 | . 224 | . 200 | . 312 | . 234 | . 688 | . 098 | . 148 | . 075 |
| SNLA039-3 | . 1900-32 UNJF-3B | 2 | . 984 | . 416 | . 328 | . 344 | . 270 | . 250 | . 200 | . 312 | . 234 | . 688 | . 098 | $\begin{aligned} & .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-4 | .2500-28 UNJF-3B | 2 | 1.296 | . 516 | . 406 | . 500 | . 330 | . 310 | . 200 | . 387 | . 283 | 1.000 | . 098 | $\begin{aligned} & .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-5 | .3125-24 UNJF-3B | 2 | 1.296 | . 609 | . 484 | . 500 | . 393 | . 373 | . 230 | . 387 | . 283 | 1.000 | . 130 | $\begin{aligned} & \hline .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-6 | .3750-24 UNJF-3B | 2 | 1.296 | . 641 | . 583 | . 500 | . 455 | . 435 | . 230 | . 479 | . 439 | 1.000 | . 130 | $\begin{aligned} & .148 \\ & .115 \\ & \hline \end{aligned}$ | . 075 |
| SNLA039-7 | .4375-20 UNJF-3B | 2 | 1.477 | . 719 | . 672 | . 562 | . 517 | . 497 | * | . 504 | . 470 | 1.125 | . 130 | $\begin{aligned} & \hline .176 \\ & .146 \\ & \hline \end{aligned}$ | . 115 |
| SNLA039-7Q | . 4375 -20 UNJF-3B | 2 | 1.477 | . 719 | . 672 | . 562 | . 517 | . 497 | * | . 504 | . 470 | 1.125 | . 161 | $\begin{aligned} & .176 \\ & .146 \\ & \hline \end{aligned}$ | . 115 |
| SNLA039-8 | .5000-20 UNJF-3B | 2 | 1.602 | . 859 | . 796 | . 625 | . 580 | . 560 | * | . 630 | . 596 | 1.250 | . 130 | $\begin{aligned} & .176 \\ & .146 \\ & \hline \end{aligned}$ | . 115 |
| SNLA039-8Q | .5000-20 UNJF-3B | 2 | 1.602 | . 859 | . 796 | . 625 | . 580 | . 560 | * | . 630 | . 596 | 1.250 | . 161 | $\begin{aligned} & \hline .176 \\ & .146 \end{aligned}$ | . 115 |

Contact Arconic for the diameter/type in manufacturing
Dimensions in Inches.

MATERIAL:
FINISH:
LOCKING INSERT:
THREADS:
PERFORMANCE:
MARKING:
FLOATABILITY:

OPTION:

APPLICATION:

NOTES:

Nut: Aluminum alloy
Nut: Anodized, blue color. Cetyl alcohol. Housing : Cadmium plate
Gold color nylon ( $250^{\circ} \mathrm{F}$ max. performance).
In accordance with AS8879 before lubrification.
NASM25027 applicable.
"SD" on the area indicated on the drawing.
Float of the nut portion of assembly shall not be less than . 030 laterally and longitudinally from the centered position. Nut body shall be capable of engagement with a bolt in the maximum misaligned position. Maximum vertical float within the housing .020 for .1900 size and smaller .030 for .2500 size and larger.

Dimpled or countersunk rivet holes as indicated on the drawing. Add code K after the reference (ex: SNLA039-3K) *(see on table): No countersunk or dimpled rivet type available for sizes .4375 and .5000 .

Type SNLA parts are designed for use with oversize clearance holes to permit interchangeable mounting of parts and sub-assemblies with a lesser degree of alignment accuracy than is usually required with fixed nuts.

For oversize rivet holes, (. 161 DIA. for sizes -7 and -8 per NAS1031) add code $Q$ after the reference (ex: SNLA039-7Q). This variation is subject to a minimum order quantity if not available from stock. The P/N SNLA039-7 and SNLA039-8 do not conform to NAS1031.

