

| 3 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \hline \text { DIA. } \\ & \text { DASH } \\ & \text { NO. } \end{aligned}$ | $\begin{gathered} \hline \begin{array}{c} \text { THEO } \\ \text { THEE } \\ \pm .004 \end{array} \end{gathered}$ | $\underset{\text { REF }}{B}$ | $\begin{gathered} \phi D \\ +.003 \\ +.001 \end{gathered}$ | ¢P | $\underset{\text { REF }}{\text { ©S }}$ | $\underset{\mathrm{MIN}}{\mathrm{Z}}$ | INSTALLATION HOLE LIMITS | $\begin{aligned} & \hline \text { DRILL } \\ & \text { SIZE } \\ & \text { NO. } \end{aligned}$ |
| -4 | . 225 | . 041 | . 125 | .109-. 123 | . 088 | . 87 | .129-. 132 | 30(.129) |
| -5 | . 286 | . 054 | . 156 | .136-.150 | . 107 | . 94 | .160-. 164 | 20(.161) |
| -6 | . 353 | . 069 | . 187 | .161-.175 | . 126 | . 94 | .192-. 196 | 10(.194) |
| -8 | . 476 | . 095 | . 250 | .214-.228 | . 169 | . 97 | .256-. 261 | F(.257) |


| $\begin{aligned} & \text { RIVET } \\ & \text { NO. } \\ & \hline \end{aligned}$ | MATERIAL ${ }^{\text {A }}$ |  |  | FINISH |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SLEEVE | STEM | LOCK RING | SLEEVE | STEM | LOCK RING |
| $\begin{aligned} & \text { AF4172 } \\ & \text { NAS1399D()AB() } \end{aligned}$ | $\begin{gathered} 2017-T 4 \\ \text { QQ-A-430 } \end{gathered}$ | $\begin{gathered} 7075 \\ \text { QQ-A-430 } \end{gathered}$ | $\begin{aligned} & 5056-H 38 \\ & \text { QQ-A-430 } \end{aligned}$ | MIL-DTL-5541 | MIL-DTL-5541 | NONE |
| $\begin{array}{\|l\|} \text { AF4522P()- }() \\ \text { NAS1399MW }() \mathrm{AB}() \end{array}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ Q Q-N-281 \end{gathered}$ | CADMIUM PLATE AMS-QQ-P-416 | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{aligned} & \text { AF4522S()-() } \\ & \text { NAS1399MS()AB() } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | SILVER PLATE QQ-S-365 | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{aligned} & \text { AF4522()-() } \\ & \text { NAS1399M()AB() } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | DRY FILM LUBE | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| AF4522F()-() | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { ALUM. COAT } \\ \text { MLL-C-83488 } \\ \text { TYPE II CLASS } 3 \\ \hline \end{array}$ | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{array}{\|l} \text { AF4622W-()-() } \\ \text { NAS1399CW()AB() } \end{array}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ Q Q-N-281 \end{gathered}$ | CADMIUM PLATE <br> AMS-QQ-P-416 | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{aligned} & \text { AF4622S()-() } \\ & \text { NAS1399CS()AB() } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ | SILVER PLATE QQ-S-365 | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{aligned} & \text { AF4622()-() } \\ & \text { NAS1399C()AB() } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ Q Q-N-281 \end{gathered}$ | DRY FILM LUBE | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P-35 } \end{gathered}$ | NONE |
| $\begin{array}{\|l} \hline \text { AF4622F()-() } \\ \text { ABS0546D }()(,) \end{array}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{aligned} & \text { A-286 } \\ & \text { AMS5731 } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ Q Q-N-281 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { ALUM. COAT } \\ \text { MIL-C-83488 } \\ \text { TYPE ॥ CLASS } 3 \\ \hline \end{array}$ | $\begin{gathered} \text { PASSIVATE } \\ \text { AMS-QQ-P- } 35 \end{gathered}$ | NONE |

## UNCONTROLLED COPY WILL NOT BE KEPT UP TO DATE

| REV. | DATE | BY | E.O. NO. | AB CODE <br> $100^{\circ}$ COUNTERSUNK HEAD LOCKED SPINDLE | PREPARED | CHECKED | APPROVED |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q | 07/10/12 | P.M. | 7804 |  | $\begin{aligned} & \text { DANNY } \\ & \text { BASSETT } \end{aligned}$ | APPROVAL |  |
| R | 03/05/13 | P.M. | 8041 |  | 4 | ON FILE |  |
| S | 06/25/13 | P.M. | 8171 |  |  |  |  |
| T | 07/26/13 | P.M. | 8205 | ALLFAST <br> 15200 DON JULIAN ROAD . CITY OF INDUSTRY CA. 91745 PHONE: (626) 968-9388 | $\begin{aligned} & \text { AF4172 } \\ & \text { AF4522 } \\ & \text { AF4622 } \end{aligned}$ |  |  |
| U | 04/22/14 | P.M. | 8482 |  |  |  |  |  |  |
| V | 01/28/15 | P.M. | 8849 |  |  |  |  |  |  |



MINIMUM BLIND-SIDE CLEARANCE FOR RIVET INSTALLATION

|  |  |  | DIA DASH NUMBER |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | -4 |  |  | -5 |  |  | -6 |  |  | -8 |  |  |
| GRIP |  | IP | L | F | BK |  | F | BK |  | F | BK |  | F |  |
| DASH | RIN | MGE | $+.000$ | MAX | MIN | $+.000$ | MAX | MIN | $+.000$ | MAX | MIN | $+.000$ | MAX | $\begin{aligned} & \text { BK } \\ & \text { MIN } \end{aligned}$ |
| -02 | A | MAX | . 260 | . 45 | . 39 | . 260 | . 44 | . 38 | . 260 | . 44 | . 36 |  |  |  |
| -03 | . 126 | . 187 | . 323 | . 57 | . 44 | . 323 | . 56 | . 43 | . 323 | . 55 | . 42 | . 385 | . 63 | . 50 |
| -04 | . 188 | . 250 | . 385 | . 69 | . 50 | . 385 | . 67 | 49 | . 385 | . 67 | . 49 | . 448 | 75 | . 56 |
| -05 | . 251 | . 312 | . 448 | . 81 | . 56 | . 448 | . 79 | . 54 | . 448 | . 78 | . 53 | . 510 | . 87 | . 62 |
| -06 | . 313 | . 375 | . 510 | . 93 | . 62 | . 510 | . 91 | . 60 | . 510 | . 90 | . 59 | . 573 | . 99 | . 68 |
| -07 | . 376 | . 437 | . 573 | 1.05 | . 62 | . 573 | 1.03 | . 65 | . 573 | 1.02 | . 64 | . 635 | 1.11 | . 73 |
| -08 | . 438 | . 500 | . 635 | 1.17 | . 73 | . 635 | 1.15 | . 71 | . 635 | 1.14 | . 70 | . 698 | 1.23 | . 79 |
| -09 | . 501 | . 562 | . 698 | 1.29 | . 79 | . 698 | 1.27 | . 77 | . 698 | 1.26 | . 76 | . 760 | 1.34 | . 84 |
| -10 | . 563 | . 625 | . 760 | 1.41 | . 85 | . 760 | 1.44 | . 88 | . 760 | 1.43 | . 87 | . 823 | 1.52 | . 96 |
| -11 | . 626 | . 687 |  |  |  |  |  |  | . 823 | 1.55 | . 92 | . 885 | 1.64 | 1.01 |
| -12 | . 688 | . 750 |  |  |  |  |  |  | . 885 | 1.67 | . 99 | . 948 | 1.77 | 1.09 |
| -13 | . 751 | . 812 |  |  |  |  |  |  | . 948 | 1.79 | 1.04 | 1.010 | 1.89 | 1.14 |
| -14 | . 813 | . 875 |  |  |  |  |  |  | 1.010 | 1.91 | 1.10 | 1.073 | 2.01 | 1.20 |

## NOTES:

## COMPOSITION ONLY

2. MAY be dry film lubed at manufacturer's option
3. HEAD DIAMETER MEASURED TO THEORETICAL SHARP CORNER
4. MIN GRIP: DIAMETER $-4=.063$, DIAMETER $-5=.065$, DIAMETER $-6=.080$
5. $\varnothing$ P ANNEALED
6. EXAMPLE OF PART NUMBER:

AF4622 S 6-04
GRIP LENGTH IN 16THS
NOMINAL DIAMETER IN 32NDS.
FINISH CODE.
basic part number.
UNCONTROLLED COPY
WILL NOT BE KEPT UP TO DATE

| REV. | DATE | BY | E.O. NO. | AB CODE <br> 100 COUNTERSUNK HEAD LOCKED SPINDLE | PREPARED | CHECKED | APPROVED |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q | 07/10/12 | P.M. | 7804 |  | $\begin{aligned} & \hline \text { DANNY } \\ & \text { BASSETT } \end{aligned}$ | APPR | OVAL |
| R | 03/05/13 | P.M. | 8041 |  | 03/04/97 | ON | FILE |
| S | 06/25/13 | P.M. | 8171 | ALLFAST <br> 15200 DON JULIAN ROAD . CITY OF INDUSTRY CA. 91745 PHONE: (626) 968-9388 | $\begin{aligned} & \text { AF4172 } \\ & \text { AF4522 } \\ & \text { AF4622 } \end{aligned}$ |  |  |
| T | 07/26/13 | P.M. | 8205 |  |  |  |  |
| U | 04/22/14 | P.M. | 8482 |  |  |  |  |
| V | 01/28/15 | P.M. | 8849 |  |  |  |  |

