

| $\begin{array}{\|c\|} \hline \text { DIA. } \\ \text { DASH NO: } \end{array}$ | NOM. DIA. | A |  | $\begin{gathered} \mathrm{B} \\ \mathrm{REF} . \end{gathered}$ | $\begin{aligned} & \mathrm{C} \\ & 4 \\ & \hline \end{aligned}$ | D |  | $\begin{gathered} \mathrm{E} \\ \text { MIN. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | MIN. | MAX. |  |  | MIN. | MAX. |  |
| -3 | 3/32 | . 175 | 183 | . 036 | $\begin{aligned} & .010 \\ & .002 \end{aligned}$ | . 093 | . 097 | 3/4 |
| -4 | 1/8 | . 221 | . 229 | . 042 |  | . 124 | . 128 | 3/4 |
| -5 | 5/32 | . 282 | . 290 | . 055 |  | . 155 | . 159 | 3/4 |
| -6 | 3/16 | . 349 | 357 | . 070 |  | . 186 | . 190 | 3/4 |
| -8 | 1/4 | . 472 | . 480 | . 095 |  | . 249 | . 253 | 1 |


| $\begin{aligned} & \text { DASH } \\ & \text { NO. } \\ & \hline \end{aligned}$ | GRIP RANGE |  | -3 DIA. |  | -4 DIA. |  | -5 DIA. |  | -6 DIA. |  | -8 DIA. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MIN. | MAX. | $\stackrel{L}{\text { MAX }}$ | $\begin{gathered} \mathrm{F} \\ \text { MAX. } \end{gathered}$ | $\begin{gathered} \mathrm{L} \\ M A X . \end{gathered}$ | $\begin{gathered} \text { F } \\ \text { MAX. } \end{gathered}$ | $\begin{gathered} \text { MAX. } \end{gathered}$ | $\begin{gathered} \mathrm{F} \\ \mathrm{MAX} . \end{gathered}$ | $\begin{gathered} \mathrm{L} \\ M A X . \end{gathered}$ | $\begin{gathered} \mathrm{F} \\ \text { MAX. } \end{gathered}$ | $\begin{gathered} \mathrm{L} \\ M A X . \end{gathered}$ | $\begin{gathered} \text { F } \\ \text { MAX. } \end{gathered}$ |
| -1 | . 036 | . 062 | . 135 | 218 | . 170 | . 256 |  |  |  |  |  |  |
| -2 | . 063 | . 125 | . 198 | . 281 | . 232 | . 318 | . 254 | . 352 | 277 | . 377 |  |  |
| -3 | . 126 | . 187 | . 260 | . 343 | . 295 | . 381 | . 317 | . 425 | . 340 | . 440 | 385 | . 506 |
| -4 | . 188 | . 250 | . 323 | . 405 | . 357 | . 443 | . 379 | . 477 | . 402 | . 502 | 447 | . 568 |
| -5 | . 251 | . 312 | . 385 | . 468 | . 420 | . 506 | . 442 | . 539 | . 465 | . 565 | . 510 | . 631 |
| -6 | . 313 | . 375 | . 448 | . 530 | . 482 | . 568 | . 504 | . 601 | . 527 | . 627 | 572 | 693 |
| -7 | . 376 | . 437 | . 510 | . 593 | . 545 | . 630 | . 567 | . 665 | . 590 | 690 | 635 | . 756 |
| -8 | 438 | . 500 | . 573 | . 655 | . 607 | . 693 | . 629 | . 727 | . 652 | 752 | 697 | 818 |
| -9 | . 501 | . 562 | . 635 | . 718 | . 669 | . 755 | . 692 | . 790 | . 715 | 815 | 760 | . 881 |
| -10 | . 563 | . 625 | . 697 | . 780 | . 731 | . 818 | . 754 | . 852 | . 777 | . 877 | 822 | 943 |
| -11 | . 626 | . 687 | . 760 | . 841 | . 794 | . 880 | . 817 | . 915 | . 840 | . 940 | . 885 | 1.005 |
| -12 | . 688 | . 750 | . 822 | . 903 | . 856 | . 943 | . 879 | . 977 | . 902 | 1.002 | . 947 | 1.068 |
| -13 | . 751 | . 812 |  |  | . 920 | 1.005 |  |  |  |  | 1.010 | 1.131 |
| -14 | . 813 | . 875 |  |  | . 982 | 1.068 |  |  |  |  | 1.072 | 1.193 |

NOTES: UNLESS OTHERWISE SPECIFIED.

1. PART NUMBER CODE:

AF5091 S 4-4

—MAXIMUM GRIP IN $1 / 16$ THS.<br>- NOMINAL DIAMETER IN 1/32ND<br>-INCREMENTS

FINISH CODE
-BASIC PART NUMBER
2. LUBRICATION TO BE APPLIED FOR

PERFORMANCE WHEN REQUIRED.
3. NO ADDITIONAL LUBRICATION PERMITTED.
4. MAXIMUM LAND FOR MONEL PARTS SHALL

BE .015, FOR ALL OTHER MATERIALS THE MAXIMUM LAND IS . 010.

## UNCONTROLLED COPY <br> WILL NOT BE KEPT UP TO DATE

|  | BY: | DATE | REV. | BY | DATE | C.R.NO. |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| PREPARED: | LAUREN VARGAS | $04 / 10 / 81$ | X | P.M. | $06 / 01 / 11$ | 7327 |
| CHECKED: | APPROVAL |  | Y | P.M. | $12 / 01 / 11$ | 7565 |
| APPROVED: | ON FILE |  | Z | P.M. | $03 / 25 / 14$ | 8454 |

FASTENING SYSTEMS, inc.

| SERIES | MATERIAL |  | FINISH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | RIVET | STEM | RIVET | STEM |
| $\begin{aligned} & \text { AF5001 } \\ & \text { MS20605AD } \end{aligned}$ | 2117 |  | ANODIZE PER MIL-A-8625 OR CHEM FILM PER MIL-DTL-5541 | RUST PREVENTITIVE |
| $\begin{aligned} & \text { AF5001V } \\ & \text { MS20605AD } \end{aligned}$ | QQ-A-430 |  | CHROMIC ACID ANODIZE PER MIL-A-8625 TYPE I, CLS । |  |
| $\begin{aligned} & \text { AF5051 } \\ & \text { MS20605B } \end{aligned}$ | $\begin{gathered} 5056 \\ Q Q-A-430 \end{gathered}$ |  | ANODIZE ORANGE PER MIL-A-8625 OR ORANGE CHEM. FILM PER MIL-DTL-5541 |  |
| $\begin{aligned} & \text { AF5091 } \\ & \text { MS20605FL } \end{aligned}$ | $\begin{gathered} \text { MONEL } \\ \text { QQ-N-281 } \end{gathered}$ |  | $\begin{gathered} \hline \text { DRY FILM LUBE } \\ \text { PER AS5272 } \\ \hline \end{gathered}$ |  |
| $\begin{aligned} & \text { AF5091S } \\ & \text { MS20605ML } \end{aligned}$ |  |  | SILVER PLATE PER ASTM B700 |  |
| $\begin{aligned} & \text { AF5091C } \\ & \text { MS20605MP } \\ & \hline \end{aligned}$ |  |  | CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLS 2 |  |
| AF5171 | C1018 PER ASTM A-510 ANNEALED |  | CADMIUM PLATE PER <br> AMS-QQ-P-416, TYPE II, CLS 2 |  |
| $\begin{aligned} & \text { AF5171S } \\ & \text { MS20605S } \end{aligned}$ |  |  | CADMIUM PLATE PER <br> AMS-QQ-P-416, TYPE II, CLS 2 | CADMIUM PLATE PER <br> AMS-QQ-P-416, TYPE II, CLS 2 |
| AF5171Z |  |  | CADMIUM PLATE PER <br> AMS-QQ-P-416, TYPE II, CLS 2 | ZINC FLASH PLATE |
| AF5141 | $\begin{gathered} \text { A-286 } \\ \text { CRES } \end{gathered}$ | $\begin{aligned} & 305 \\ & \text { CRES } \end{aligned}$ | PASSIVATE PER AMS2700 | PASSIVATEPER AMS2700 |
| $\begin{aligned} & \text { AF5141R } \\ & \text { MS20605R } \end{aligned}$ |  |  | PASSIVATE PER AMS2700 \& DRY FILM LUBE PER AS5272 |  |
| $\begin{aligned} & \text { AF5141H } \\ & \text { MS20605H } \end{aligned}$ |  |  | CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLS 2 |  |
| AF5141R()-()L |  |  | (3) PASSIVATE PER AMS2700 LUBRICATE PER AS5272, TYPE I | $\begin{aligned} & \text { 3) PASSIVATED PER AMS2700 } \\ & \& ~ L U B R I C A T E ~ P E R ~ A S 5272, ~ T Y P E ~ I ~ \end{aligned}$ |
| AF5141L |  |  | 2 PASSIVATE PER AMS2700 \& LUBECO 905 | 2. PASSIVATED PER AMS2700 \& LUBECO 905 |
| AF5141TL |  |  | 〔PASSIVATE PER AMS2700 \& TIO-LUBE 460 | 〔. PASSIVATED PER AMS2700 \& TIO-LUBE 460 |
| AF5141T |  |  | 2 PASSIVATE PER AMS2700 \& TRANSLUBE 20204 | P2 PASSIVATED PER AMS2700 \& TRANSLUBE 20204 |
| AF5141-()C |  |  | CAD PLATE PER AMS-QQ-P-416 TYPE II, CLS 2 \& DYED GREEN | PASSIVATE PER AMS2700 |
| AF5141SL |  |  | PASSIVATE PER AMS2700 \& EVERLUBE 620C | PASSIVATE PER AMS2700 \& EVERLUBE 620C |
| AF5141F()-() |  |  | 2.ALUMINUM IVD COAT PER MIL-C-83488 | (2) PASSIVATE PER AMS2700 |
| AF5141-()-()IPR |  |  | CAD PLATE PER AMS-QQ-P-416 TYPE II, CL. 2 DYED GREEN \& AF90 | PASSIVATE PER <br> AMS2700 \& AF90 |
| AF5141-()-()PR |  |  | PASSIVATE PER <br> AMS2700 \& AF90 | PASSIVATE PER <br> AMS2700 \& AF90 |
| AF5141P()-() |  |  | 2. ALUMINUM COAT PER | 2. PASSIVATE PER AMS2700 |
| AF5141-()-()ZN |  |  | 3) ZINC-NICKEL PLATE | PASSIVATE PER AMS2700 |
| AF5141-()-()ZNR |  |  | (3) ZINC-NICKEL PLATE PER AMS2417 TYPE II \& DRY FILM LUBE PER AS5272 | PASSIVATE PER AMS2700 |

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WILL NOT BE KEPT UP TO DATE

|  | BY: | DATE | REV. | BY | DATE | C.R.NO. | BLIND | 100 CSK. HEAD RIVET PULL-THRU |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PREPARED: | LAUREN VARGAS | 04/10/81 | X | P.M. | 06/01/11 | 7327 |  |  |
| CHECKED: | APPROVA |  | Y | P.M. | 12/01/11 | 7565 |  | AF5001 SERIES |
| APPROVED: | ON FILE |  | Z | P.M. | 03/25/14 | 8454 |  | PAGE 2 OF 2 |

