

INCH-POUND

NOTICE  
OF CANCELLATION

MS90727F  
NOTICE 1  
2 April 1991

MILITARY SPECIFICATION SHEET

SCREW, CAP, HEXAGON HEAD (FINISHED HEXAGON BOLT),  
ALLOY STEEL, GRADE 8, ZINC COATED  
UNF- 2A, PLAIN AND SELF-LOCKING

MS90727F, dated 4 November 1988, is hereby cancelled. Future acquisitions for this product should refer to ANSI B18.2.1, Square and Hex Bolts and Screws Inch Series (Government Appendix).

A detailed cross-reference of cancelled MS90727F part numbers to superseding ANSI B18.2.1 Government part numbers are contained herein.

NOTE: MS90727F SUPERSEDED MS35302 IN PART, MS35304, AND MS35306, BCAX8, BCVX7 IN PART, BQLX4, BUBX17, 17.1, 18, 18.1, 19 AND 19.1.

(Application for copies of ANSI B18.2.1 publication should be addressed to the American Society of Mechanical Engineers, United Engineering Center, 345 E. 47th Street, New York, NY 10017 or the American National Standards Institute, 1430 Broadway, New York, NY 10018)

Preparing activity:  
Army - AR

(Project 5305-1850)

MS 90727F  
NOTICE 1

NOMINAL SIZE 1/4 (.2500)

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-1                   | B1821BH025F038N                              |
| MS90727-1L                  | B1821BH025F038L                              |
| MS90727-2                   | B1821BH025F044N                              |
| MS90727-2L                  | B1821BH025F044L                              |
| MS90727-3                   | B1821BH025F050N                              |
| MS90727-3L                  | B1821BH025F050L                              |
| MS90727-4                   | B1821BH025F056N                              |
| MS90727-4L                  | B1821BH025F056L                              |
| MS90727-5                   | B1821BH025F063N                              |
| MS90727-5L                  | B1821BH025F063L                              |
| MS90727-6                   | B1821BH025F075N                              |
| MS90727-6L                  | B1821BH025F075L                              |
| MS90727-7                   | B1821BH025F088N                              |
| MS90727-7L                  | B1821BH025F088L                              |
| MS90727-8                   | B1821BH025F100N                              |
| MS90727-8L                  | B1821BH025F100L                              |
| MS90727-9                   | B1821BH025F113N                              |
| MS90727-9L                  | B1821BH025F113L                              |
| MS90727-10                  | B1821BH025F125N                              |
| MS90727-10L                 | B1821BH025F125L                              |
| MS90727-11                  | B1821BH025F138N                              |
| MS90727-11L                 | B1821BH025F138L                              |
| MS90727-12                  | B1821BH025F150N                              |
| MS90727-12L                 | B1821BH025F150L                              |
| MS90727-13                  | B1821BH025F175N                              |
| MS90727-13L                 | B1821BH025F175L                              |
| MS90727-14                  | B1821BH025F200N                              |
| MS90727-14L                 | B1821BH025F200L                              |
| MS90727-15                  | B1821BH025F225N                              |
| MS90727-15L                 | B1821BH025F225L                              |
| MS90727-16                  | B1821BH025F250N                              |
| MS90727-16L                 | B1821BH025F250L                              |
| MS90727-17                  | B1821BH025F275N                              |
| MS90727-17L                 | B1821BH025F275L                              |
| MS90727-18                  | B1821BH025F300N                              |
| MS90727-18L                 | B1821BH025F300L                              |
| MS90727-19                  | B1821BH025F325N                              |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-19L                 | B1821BH025F325N                              |
| MS90727-20                  | B1821BH025F350N                              |
| MS90727-20L                 | B1821BH025F350L                              |
| MS90727-21                  | B1821BH025F375N                              |
| MS90727-21L                 | B1821BH025F375L                              |
| MS90727-22                  | B1821BH025F400N                              |
| MS90727-22L                 | B1821BH025F400L                              |
| MS90727-23                  | B1821BH025F425N                              |
| MS90727-23L                 | B1821BH025F425L                              |
| MS90727-24                  | B1821BH025F450N                              |
| MS90727-24L                 | B1821BH025F450L                              |
| MS90727-25                  | B1821BH025F475N                              |
| MS90727-25L                 | B1821BH025F475L                              |
| MS90727-26                  | B1821BH025F500N                              |
| MS90727-26L                 | B1821BH025F500L                              |

NOMINAL SIZE 5/16 (.3125)

|             |                 |
|-------------|-----------------|
| MS90727-27  | B1821BH031F038N |
| MS90727-27L | B1821BH031F038L |
| MS90727-28  | B1821BH031F044N |
| MS90727-28L | B1821BH031F044L |
| MS90727-29  | B1821BH031F050N |
| MS90727-29L | B1821BH031F050L |
| MS90727-30  | B1821BH031F056N |
| MS90727-30L | B1821BH031F056L |
| MS90727-31  | B1821BH031F063N |
| MS90727-31L | B1821BH031F063L |
| MS90727-32  | B1821BH031F075N |
| MS90727-32L | B1821BH031F075L |
| MS90727-33  | B1821BH031F088N |
| MS90727-33L | B1821BH031F088L |
| MS90727-34  | B1821BH031F100N |
| MS90727-34L | B1821BH031F100L |
| MS90727-35  | B1821BH031F113N |
| MS90727-35L | B1821BH031F113L |
| MS90727-36  | B1821BH031F125N |
| MS90727-36L | B1821BH031F125L |

MS 90727F  
NOTICE 1

CANCELLED MS PART NO      SUPERSEDING PART IDENTIFYING NO (PIN)

|             |                 |
|-------------|-----------------|
| MS90727-37  | B1821BH031F138N |
| MS90727-37L | B1821BH031F138L |
| MS90727-38  | B1821BH031F150N |
| MS90727-38L | B1821BH031F150L |
| MS90727-39  | B1821BH031F175N |
| MS90727-39L | B1821BH031F175L |
| MS90727-40  | B1821BH031F200N |
| MS90727-40L | B1821BH031F200L |
| MS90727-41  | B1821BH031F225N |
| MS90727-41L | B1821BH031F225L |
| MS90727-42  | B1821BH031F250N |
| MS90727-42L | B1821BH031F250L |
| MS90727-43  | B1821BH031F275N |
| MS90727-43L | B1821BH031F275L |
| MS90727-44  | B1821BH031F300N |
| MS90727-44L | B1821BH031F300L |
| MS90727-45  | B1821BH031F325N |
| MS90727-45L | B1821BH031F325L |
| MS90727-46  | B1821BH031F350N |
| MS90727-46L | B1821BH031F350L |
| MS90727-47  | B1821BH031F375N |
| MS90727-47L | B1821BH031F375L |
| MS90727-48  | B1821BH031F400N |
| MS90727-48L | B1821BH031F400L |
| MS90727-49  | B1821BH031F425N |
| MS90727-49L | B1821BH031F425L |
| MS90727-50  | B1821BH031F450N |
| MS90727-50L | B1821BH031F450L |
| MS90727-51  | B1821BH031F475N |
| MS90727-51L | B1821BH031F475L |
| MS90727-52  | B1821BH031F500N |
| MS90727-52L | B1821BH031F500L |

NOMINAL SIZE 3/8 (.3750)

|             |                 |
|-------------|-----------------|
| MS90727-53  | B1821BH038F038N |
| MS90727-53L | B1821BH038F038L |
| MS90727-54  | B1821BH038F044N |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-54L                 | B1821BH038F044L                              |
| MS90727-55                  | B1821BH038F050N                              |
| MS90727-55L                 | B1821BH038F050L                              |
| MS90727-56                  | B1821BH038F056N                              |
| MS90727-56L                 | B1821BH038F056L                              |
| MS90727-57                  | B1821BH038F063N                              |
| MS90727-57L                 | B1821BH038F063L                              |
| MS90727-58                  | B1821BH038F075N                              |
| MS90727-58L                 | B1821BH038F075L                              |
| MS90727-59                  | B1821BH038F088N                              |
| MS90727-59L                 | B1821BH038F088L                              |
| MS90727-60                  | B1821BH038F100N                              |
| MS90727-60L                 | B1821BH038F100L                              |
| MS90727-61                  | B1821BH038F113N                              |
| MS90727-61L                 | B1821BH038F113L                              |
| MS90727-62                  | B1821BH038F125N                              |
| MS90727-62L                 | B1821BH038F125L                              |
| MS90727-63                  | B1821BH038F138N                              |
| MS90727-63L                 | B1821BH038F138L                              |
| MS90727-64                  | B1821BH038F150N                              |
| MS90727-64L                 | B1821BH038F150L                              |
| MS90727-65                  | B1821BH038F175N                              |
| MS90727-65L                 | B1821BH038F175L                              |
| MS90727-66                  | B1821BH038F200N                              |
| MS90727-66L                 | B1821BH038F200L                              |
| MS90727-67                  | B1821BH038F225N                              |
| MS90727-67L                 | B1821BH038F225L                              |
| MS90727-68                  | B1821BH038F250N                              |
| MS90727-68L                 | B1821BH038F250L                              |
| MS90727-69                  | B1821BH038F275N                              |
| MS90727-69L                 | B1821BH038F275L                              |
| MS90727-70                  | B1821BH038F300N                              |
| MS90727-70L                 | B1821BH038F300L                              |
| MS90727-71                  | B1821BH038F325N                              |
| MS90727-71L                 | B1821BH038F325L                              |
| MS90727-72                  | B1821BH038F350N                              |
| MS90727-72L                 | B1821BH038F350L                              |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-73                  | B1821BH038F375N                              |
| MS90727-73L                 | B1821BH038F375L                              |
| MS90727-74                  | B1821BH038F400N                              |
| MS90727-74L                 | B1821BH038F400L                              |
| MS90727-75                  | B1821BH038F425N                              |
| MS90727-75L                 | B1821BH038F425L                              |
| MS90727-76                  | B1821BH038F450N                              |
| MS90727-76L                 | B1821BH038F450L                              |
| MS90727-77                  | B1821BH038F475N                              |
| MS90727-77L                 | B1821BH038F475L                              |
| MS90727-78                  | B1821BH038F500N                              |
| MS90727-78L                 | B1821BH038F500L                              |

NOMINAL SIZE 7/16 (.4375) - NOT TO BE USED FOR NEW DESIGN

|             |                 |
|-------------|-----------------|
| MS90727-79  | B1821BH044F044N |
| MS90727-79L | B1821BH044F044L |
| MS90727-80  | B1821BH044F050N |
| MS90727-80L | B1821BH044F050L |
| MS90727-81  | B1821BH044F056N |
| MS90727-81L | B1821BH044F056L |
| MS90727-82  | B1021BH044F063N |
| MS90727-82L | B1821BH044F063L |
| MS90727-83  | B1821BH044F075N |
| MS90727-83L | B1821BH044F075L |
| MS90727-84  | B1821BH044F088N |
| MS90727-84  | B1821BH044F088L |
| MS90727-85  | B1821BH044F100N |
| MS90727-85L | B1821BH044F100L |
| MS90727-86  | B1821BH044F113N |
| MS90727-86L | B1821BH044F113L |
| MS90727-87  | B1821BH044F125N |
| MS90727-87L | B1821BH044F125L |
| MS90727-88  | B1821BH044F138N |
| MS90727-88L | B1821BH044F138L |
| MS90727-89  | B1821BH044F150N |
| MS90727-89L | B1821BH044F150L |
| MS90727-90  | B1821BH044F175N |

MS 90727F  
NOTICE 1

CANCELLED MS PART NO      SUPERSEDING PART IDENTIFYING NO (PIN)

|              |                 |
|--------------|-----------------|
| MS90727-90L  | B1821BH044F175L |
| MS90727-91   | B1821BH044F200N |
| MS90727-91L  | B1821BH044F200L |
| MS90727-92   | B1821BH044F225N |
| MS90727-92L  | B1821BH044F225L |
| MS90727-93   | B1821BH044F250N |
| MS90727-93L  | B1821BH044F250L |
| MS90727-94   | B1821BH044F275N |
| MS90727-94L  | B1821BH044F275L |
| MS90727-95   | B1821BH044F300N |
| MS90727-95L  | B1821BH044F300L |
| MS90727-96   | B1821BH044F325N |
| MS90727-96L  | B1821BH044F325L |
| MS90727-97   | B1821BH044F350N |
| MS90727-97L  | B1821BH044F350L |
| MS90727-98   | B1821BH044F375N |
| MS90727-98L  | B1821BH044F375L |
| MS90727-100  | B1821BH044F425N |
| MS90727-100L | B1821BH044F425L |
| MS90727-101  | B1821BH044F450N |
| MS90727-101L | B1821BH044F450L |
| MS90727-102  | B1821BH044F475N |
| MS90727-102L | B1821BH044F475L |
| MS90727-103  | B1821BH044F500N |
| MS90727-103L | B1821BH044F500L |

NOMINAL SIZE 1/2 (.5000)

|              |                 |
|--------------|-----------------|
| MS90727-104  | B1821BH050F050N |
| MS90727-104L | B1821BH050F050L |
| MS90727-105  | B1821BH050F056N |
| MS90727-105L | B1821BH050F056L |
| MS90727-106  | B1821BH050F063N |
| MS90727-106L | B1821BH050F063L |
| MS90727-107  | B1821BH050F075N |
| MS90727-107L | B1821BH050F075L |
| MS90727-108  | B1821BH050F088N |
| MS90727-108L | B1821BH050F088L |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-109                 | B1821BH050F100N                              |
| MS90727-109L                | B1821BH050F100L                              |
| MS90727-110                 | B1821BH050F113N                              |
| MS90727-110L                | B1821BH050F113L                              |
| MS90727-111                 | B1821BH050F125N                              |
| MS90727-111L                | B1821BH050F125L                              |
| MS90727-112                 | B1821BH050F138N                              |
| MS90727-112L                | B1821BH050F138L                              |
| MS90727-113                 | B1821BH050F150N                              |
| MS90727-113L                | B1821BH050F150L                              |
| MS90727-114                 | B1821BH050F175N                              |
| MS90727-114L                | B1821BH050F175L                              |
| MS90727-115                 | B1821BH050F200N                              |
| MS90727-115L                | B1821BH050F200L                              |
| MS90727-116                 | B1821BH050F225N                              |
| MS90727-116L                | B1821BH050F225L                              |
| MS90727-117                 | B1821BH050F250N                              |
| MS90727-117L                | B1821BH050F250L                              |
| MS90727-118                 | B1821BH050F275N                              |
| MS90727-118L                | B1821BH050F275L                              |
| MS90727-119                 | B1821BH050F300N                              |
| MS90727-119L                | B1821BH050F300L                              |
| MS90727-120                 | B1821BH050F325N                              |
| MS90727-120L                | B1821BH050F325L                              |
| MS90727-121                 | B1821BH050F350N                              |
| MS90727-121L                | B1821BH050F350L                              |
| MS90727-122                 | B1821BH050F375N                              |
| MS90727-122L                | B1821BH050F375L                              |
| MS90727-123                 | B1821BH050F400N                              |
| MS90727-123L                | B1821BH050F400L                              |
| MS90727-124                 | B1821BH050F425N                              |
| MS90727-124L                | B1821BH050F425L                              |
| MS90727-125                 | B1821BH050F450N                              |
| MS90727-125L                | B1821BH050F450L                              |
| MS90727-126                 | B1821BH050F475N                              |
| MS90727-126L                | B1821BH050F475L                              |
| MS90727-127                 | B1821BH050F500N                              |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-127L                | B1821BH050F500L                              |
| MS90727-128                 | B1821BH050F550N                              |
| MS90727-128L                | B1821BH050F550L                              |
| MS90727-129                 | B1821BH050F600N                              |
| MS90727-129L                | B1821BH050F600L                              |

NOMINAL SIZE 9/16 (.5625) - NOT TO BE USED FOR NEW DESIGN

|              |                 |
|--------------|-----------------|
| MS90727-130  | B1821BH056F056N |
| MS90727-130L | B1821BH056F056L |
| MS90727-131  | B1821BH056F063N |
| MS90727-131L | B1821BH056F063L |
| MS90727-132  | B1821BH056F075N |
| MS90727-132L | B1821BH056F075L |
| MS90727-133  | B1821BH056F088N |
| MS90727-133L | B1821BH056F088L |
| MS90727-134  | B1821BH056F100N |
| MS90727-134L | B1821BH056F100L |
| MS90727-135  | B1821BH056F113N |
| MS90727-135L | B1821BH056F113L |
| MS90727-136  | B1821BH056F125N |
| MS90727-136L | B1821BH056F125L |
| MS90727-137  | B1821BH056F138N |
| MS90727-137L | B1821BH056F138L |
| MS90727-138  | B1821BH056F150N |
| MS90727-138L | B1821BH056F150L |
| MS90727-139  | B1821BH056F175N |
| MS90727-139L | B1821BH056F175L |
| MS90727-140  | B1821BH056F200N |
| MS90727-140L | B1821BH056F200L |
| MS90727-141  | B1821BH056F225N |
| MS90727-141L | B1821BH056F225L |
| MS90727-142  | B1821BH056F250N |
| MS90727-142L | B1821BH056F250L |
| MS90727-143  | B1821BH056F275N |
| MS90727-143  | B1821BH056F275L |
| MS90727-144  | B1821BH056F300N |
| MS90727-144L | B1821BH056F300L |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-145                 | B1821BH056F325N                              |
| MS90727-145L                | B1821BH056F325L                              |
| MS90727-146                 | B1821BH056F350N                              |
| MS90727-146L                | B1821BH056F350L                              |
| MS90727-147                 | B1821BH056F375N                              |
| MS90727-147L                | B1821BH056F375L                              |
| MS90727-148                 | B1821BH056F400N                              |
| MS90727-148L                | B1821BH056F400L                              |
| MS90727-149                 | B1821BH056F425N                              |
| MS90727-149L                | B1821BH056F425L                              |
| MS90727-150                 | B1821BH056F450N                              |
| MS90727-150L                | B1821BH056F450L                              |
| MS90727-151                 | B1821BH056F475N                              |
| MS90727-151L                | B1821BH056F475L                              |
| MS90727-152                 | B1821BH056F500N                              |
| MS90727-152L                | B1821BH056F500L                              |
| MS90727-153                 | B1821BH056F550N                              |
| MS90727-153L                | B1821BH056F550L                              |
| MS90727-154                 | B1821BH056F600N                              |
| MS90727-154L                | B1821BH056F600L                              |

NOMINAL SIZE 5/8 (.6250)

|              |                 |
|--------------|-----------------|
| MS90727-155  | B1821BH063F063N |
| MS90727-155L | B1821BH063F063L |
| MS90727-156  | B1821BH063F075N |
| MS90727-156L | B1821BH063F075L |
| MS90727-157  | B1821BH063F088N |
| MS90727-157L | B1821BH063F088L |
| MS90727-158  | B1821BH063F100N |
| MS90727-158L | B1821BH063F100L |
| MS90727-159  | B1821BH063F113N |
| MS90727-159L | B1821BH063F113L |
| MS90727-160  | B1821BH063F125N |
| MS90727-160L | B1821BH063F125L |
| MS90727-161  | B1821BH063F138N |
| MS90727-161L | B1821BH063F138L |
| MS90727-162  | B1821BH063F150N |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-162L                | B1821BH063F150L                              |
| MS90727-163                 | B1821BH063F175N                              |
| MS90727-163L                | B1821BH063F175L                              |
| MS90727-164                 | B1821BH063F200N                              |
| MS90727-164L                | B1821BH063F200L                              |
| MS90727-165                 | B1821BH063F225N                              |
| MS90727-165L                | B1821BH063F225L                              |
| MS90727-166                 | B1821BH063F250N                              |
| MS90727-166L                | B1821BH063F250L                              |
| MS90727-167                 | B1821BH063F275N                              |
| MS90727-167L                | B1821BH063F275L                              |
| MS90727-168                 | B1821BH063F300N                              |
| MS90727-168L                | B1821BH063F300L                              |
| MS90727-169                 | B1821BH063F325N                              |
| MS90727-169L                | B1821BH063F325L                              |
| MS90727-170                 | B1821BH063F350N                              |
| MS90727-170L                | B1821BH063F350L                              |
| MS90727-171                 | B1821BH063F375N                              |
| MS90727-171L                | B1821BH063F375L                              |
| MS90727-172                 | B1821BH063F400N                              |
| MS90727-172L                | B1821BH063F400L                              |
| MS90727-173                 | B1821BH063F425N                              |
| MS90727-173L                | B1821BH063F425L                              |
| MS90727-174                 | B1821BH063F450N                              |
| MS90727-174L                | B1821BH063F450L                              |
| MS90727-175                 | B1821BH063F475N                              |
| MS90727-175L                | B1821BH063F475L                              |
| MS90727-176                 | B1821BH063F500N                              |
| MS90727-176L                | B1821BH063F500L                              |
| MS90727-177                 | B1821BH063F550N                              |
| MS90727-177L                | B1821BH063F550L                              |
| MS90727-178                 | B1821BH063F600N                              |
| MS90727-178L                | B1821BH063F600L                              |

NOMINAL SIZE 3/4 (.7500)

|              |                 |
|--------------|-----------------|
| MS90727-179  | B1821BH075F075N |
| MS90727-179L | B1821BH075F075L |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-180                 | B1821BH075F088N                              |
| MS90727-180L                | B1821BH075F088L                              |
| MS90727-181                 | B1821BH075F100N                              |
| MS90727-181L                | B1821BH075F100L                              |
| MS90727-182                 | B1821BH075F113N                              |
| MS90727-182L                | B1821BH075F113L                              |
| MS90727-183                 | B1821BH075F125N                              |
| MS90727-183L                | B1821BH075F125L                              |
| MS90727-184                 | B1821BH075F138N                              |
| MS90727-184L                | B1821BH075F138L                              |
| MS90727-185                 | B1821BH075F150N                              |
| MS90727-185L                | B1821BH075F150L                              |
| MS90727-186                 | B1821BH075F175N                              |
| MS90727-186L                | B1821BH075F175L                              |
| MS90727-187                 | B1821BH075F200N                              |
| MS90727-187L                | B1821BH075F200L                              |
| MS90727-188                 | B1821BH075F225N                              |
| MS90727-188L                | B1821BH075F225L                              |
| MS90727-189                 | B1821BH075F250N                              |
| MS90727-189L                | B1821BH075F250L                              |
| MS90727-190                 | B1821BH075F275N                              |
| MS90727-190L                | B1821BH075F275L                              |
| MS90727-191                 | B1821BH075F300N                              |
| MS90727-191L                | B1821BH075F300L                              |
| MS90727-192                 | B1821BH075F325N                              |
| MS90727-192L                | B1821BH075F325L                              |
| MS90727-193                 | B1821BH075F350N                              |
| MS90727-193L                | B1821BH075F350L                              |
| MS90727-194                 | B1821BH075F375N                              |
| MS90727-194L                | B1821BH075F375L                              |
| MS90727-195                 | B1821BH075F400N                              |
| MS90727-195L                | B1821BH075F400L                              |
| MS90727-196                 | B1821BH075F425N                              |
| MS90727-196L                | B1821BH075F425L                              |
| MS90727-197                 | B1821BH075F450N                              |
| MS90727-197L                | B1821BH075F450L                              |
| MS90727-198                 | B1821BH075F475N                              |
| MS90727-198L                | B1821BH075F475L                              |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-199                 | B1821BH075F500N                              |
| MS90727-199L                | B1821BH075F500L                              |
| MS90727-200                 | B1821BH075F550N                              |
| MS90727-200L                | B1821BH075F550L                              |
| MS90727-201                 | B1821BH075F600N                              |
| MS90727-201L                | B1821BH075F600L                              |

NOMINAL SIZE 7/8 (.8750) - NOT TO BE USED FOR NEW DESIGN

|              |                 |
|--------------|-----------------|
| MS90727-202  | B1821BH088F088N |
| MS90727-202L | B1821BH088F088L |
| MS90727-203  | B1821BH088F100N |
| MS90727-203L | B1821BH088F100L |
| MS90727-204  | B1821BH088F113N |
| MS90727-204L | B1821BH088F113L |
| MS90727-205  | B1821BH088F125N |
| MS90727-205L | B1821BH088F125L |
| MS90727-206  | B1821BH088F138N |
| MS90727-206L | B1821BH088F138L |
| MS90727-207  | B1821BH088F150N |
| MS90727-207L | B1821BH088F150L |
| MS90727-208  | B1821BH088F175N |
| MS90727-208L | B1821BH088F175L |
| MS90727-209  | B1821BH088F200N |
| MS90727-209L | B1821BH088F200L |
| MS90727-210  | B1821BH088F225N |
| MS90727-210L | B1821BH088F225L |
| MS90727-211  | B1821BH088F250N |
| MS90727-211L | B1821BH088F250L |
| MS90727-212  | B1821BH088F275N |
| MS90727-212L | B1821BH088F275L |
| MS90727-213  | B1821BH088F300N |
| MS90727-213L | B1821BH088F300L |
| MS90727-214  | B1821BH088F325N |
| MS90727-214L | B1821BH088F325L |
| MS90727-215  | B1821BH088F350N |
| MS90727-215L | B1821BH088F350L |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-216                 | B1821BH088F375N                              |
| MS90727-216L                | B1821BH088F375L                              |
| MS90727-217                 | B1821BH088F400N                              |
| MS90727-217L                | B1821BH088F400L                              |
| MS90727-218                 | B1821BH088F425N                              |
| MS90727-218L                | B1821BH088F425L                              |
| MS90727-219                 | B1821BH088F450N                              |
| MS90727-219L                | B1821BH088F450L                              |
| MS90727-220                 | B1821BH088F475N                              |
| MS90727-220L                | B1821BH088F475L                              |
| MS90727-221                 | B1821BH088F500N                              |
| MS90727-221L                | B1821BH088F500L                              |
| MS90727-222                 | B1821BH088F550N                              |
| MS90727-222L                | B1821BH088F550L                              |
| MS90727-223                 | B1821BH088F600N                              |
| MS90727-223L                | B1821BH088F600L                              |

NOMINAL SIZE 1 (1.000)

|              |                 |
|--------------|-----------------|
| MS90727-224  | B1821BH100F100N |
| MS90727-224L | B1821BH100F100L |
| MS90727-225  | B1821BH100F113N |
| MS90727-225L | B1821BH100F113L |
| MS90727-226  | B1821BH100F125N |
| MS90727-226L | B1821BH100F125L |
| MS90727-227  | B1821BH100F138N |
| MS90727-227L | B1821BH100F138L |
| MS90727-228  | B1821BH100F150N |
| MS90727-228L | B1821BH100F150L |
| MS90727-229  | B1821BH100F175N |
| MS90727-229L | B1821BH100F175L |
| MS90727-230  | B1821BH100F200N |
| MS90727-230L | B1821BH100F200L |
| MS90727-231  | B1821BH100F225N |
| MS90727-231L | B1821BH100F225L |
| MS90727-232  | B1821BH100F250N |
| MS90727-232L | B1821BH100F250L |
| MS90727-233  | B1821BH100F275N |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|--|
| MS90727-233L                | B1821BH100F275L                              |
| MS90727-234                 | B1821BH100F300N                              |
| MS90727-234L                | B1821BH100F300L                              |
| MS90727-235                 | B1821BH100F325N                              |
| MS90727-235L                | B1821BH100F325L                              |
| MS90727-236                 | B1821BH100F350N                              |
| MS90727-236L                | B1821BH100F350L                              |
| MS90727-237                 | B1821BH100F375N                              |
| MS90727-237L                | B1821BH100F375L                              |
| MS90727-238                 | B1821BH100F400N                              |
| MS90727-238L                | B1821BH100F400L                              |
| MS90727-239                 | B1821BH100F425N                              |
| MS90727-239L                | B1821BH100F425L                              |
| MS90727-240                 | B1821BH100F450N                              |
| MS90727-240L                | B1821BH100F450L                              |
| MS90727-241                 | B1821BH100F475N                              |
| MS90727-241L                | B1821BH100F475L                              |
| MS90727-242                 | B1821BH100F500N                              |
| MS90727-242L                | B1821BH100F500L                              |
| MS90727-243                 | B1821BH100F550N                              |
| MS90727-243L                | B1821BH100F550L                              |
| MS90727-244                 | B1821BH100F600N                              |
| MS90727-244L                | B1821BH100F600L                              |

NOMINAL SIZE 1 1/8 (1.1250)

|              |                 |
|--------------|-----------------|
| MS90727-245  | B1821BH113F113N |
| MS90727-245L | B1821BH113F113L |
| MS90727-246  | B1821BH113F125N |
| MS90727-246L | B1821BH113F125L |
| MS90727-247  | B1821BH113F138N |
| MS90727-247L | B1821BH113F138L |
| MS90727-248  | B1821BH113F150N |
| MS90727-248L | B1821BH113F150L |
| MS90727-249  | B1821BH113F175N |
| MS90727-249L | B1821BH113F175L |
| MS90727-250  | B1821BH113F200N |
| MS90727-250L | B1821BH113F200L |

MS 90727F  
NOTICE 1

| <u>CANCELLED MS PART NO</u> | <u>SUPRSEDING PART IDENTIFYING NO (PIN)</u> |
|-----------------------------|---|
| MS90727-251                 | B1821BH113F225N                             |
| MS90727-251L                | B1821BH113F225L                             |
| MS90727-252                 | B1821BH113F250N                             |
| MS90727-252L                | B1821BH113F250L                             |
| MS90727-253                 | B1821BH113F275N                             |
| MS90727-253L                | B1821BH113F275L                             |
| MS90727-254                 | B1821BH113F300N                             |
| MS90727-254L                | B1821BH113F300L                             |
| MS90727-255                 | B1821BH113F325N                             |
| MS90727-255L                | B1821BH113F325L                             |
| MS90727-256                 | B1821BH113F350N                             |
| MS90727-256L                | B1821BH113F350L                             |
| MS90727-257                 | B1821BH113F375N                             |
| MS90727-257L                | B1821BH113F375L                             |
| MS90727-258                 | B1821BH113F400N                             |
| MS90727-258L                | B1821BH113F400L                             |
| MS90727-259                 | B1821BH113F425N                             |
| MS90727-259L                | B1821BH113F425L                             |
| MS90727-260                 | B1821BH113F450N                             |
| MS90727-260L                | B1821BH113F450L                             |
| MS90727-261                 | B1821BH113F475N                             |
| MS90727-261L                | B1821BH113F475L                             |
| MS90727-262                 | B1821BH113F500N                             |
| MS90727-262L                | B1821BH113F500L                             |
| MS90727-263                 | B1821BH113F550N                             |
| MS90727-263L                | B1821BH113F550L                             |
| MS90727-264                 | B1821BH113F600N                             |
| MS90727-264L                | B1821BH113F600L                             |

NOMINAL SIZE 1 1/4 (1.250)

|              |                 |
|--------------|-----------------|
| MS90727-265  | B1821BH125F125N |
| MS90727-265L | B1821BH125F125L |
| MS90727-266  | B1821BH125F138N |
| MS90727-266L | B1821BH125F138L |
| MS90727-267  | B1821BH125F150N |
| MS90727-267L | B1821BH125F150L |

MS 90727F  
NOTICE 1

CANCELLED MS PART NO      SUPERSEDING PART IDENTIFYING NO (PIN)

|              |                 |
|--------------|-----------------|
| MS90727-268  | B1821BH125F175N |
| MS90727-268L | B1821BH125F175L |
| MS90727-269  | B1821BH125F200N |
| MS90727-269L | B1821BH125F200L |
| MS90727-270  | B1821BH125F225N |
| MS90727-270L | B1821BH125F225L |
| MS90727-271  | B1821BH125F250N |
| MS90727-271L | B1821BH125F250L |
| MS90727-272  | B1821BH125F275N |
| MS90727-272L | B1821BH125F275L |
| MS90727-273  | B1821BH125F300N |
| MS90727-273L | B1821BH125F300L |
| MS90727-274  | B1821BH125F325N |
| MS90727-274L | B1821BH125F325L |
| MS90727-275  | B1821BH125F350N |
| MS90727-275L | B1821BH125F350L |
| MS90727-276  | B1821BH125F375N |
| MS90727-276L | B1821BH125F375L |
| MS90727-277  | B1821BH125F400N |
| MS90727-277L | B1821BH125F400L |
| MS90727-278  | B1821BH125F425N |
| MS90727-278L | B1821BH125F425L |
| MS90727-279  | B1821BH125F450N |
| MS90727-279L | B1821BH125F450L |
| MS90727-280  | B1821BH125F475N |
| MS90727-280L | B1821BH125F475L |
| MS90727-281  | B1821BH125F500N |
| MS90727-281L | B1821BH125F500L |
| MS90727-282  | B1821BH125F550N |
| MS90727-282L | B1821BH125F550L |
| MS90727-283  | B1821BH125F600N |
| MS90727-283L | B1821BH125F600L |

NOMINAL SIZE 1 3/8 (1.3750)

|              |                 |
|--------------|-----------------|
| MS90727-284  | B1821BH138F138N |
| MS90727-284L | B1821BH138F138L |
| MS90727-285  | B1821BH138F150N |

MS 90727F  
NOTICE 1

CANCELLED MS PART NO      SUPERSEDING PART IDENTIFYING NO (PIN)

|              |                 |
|--------------|-----------------|
| MS90727-285L | B1821BH138F150L |
| MS90727-286  | B1821BH138F175N |
| MS90727-286L | B1821BH138F175L |
| MS90727-287  | B1821BH138F200N |
| MS90727-287L | B1821BH138F200L |
| MS90727-288  | B1821BH138F225N |
| MS90727-288L | B1821BH138F225L |
| MS90727-289  | B1821BH138F250N |
| MS90727-289L | B1821BH138F250L |
| MS90727-290  | B1821BH138F275N |
| MS90727-290L | B1821BH138F275L |
| MS90727-291  | B1821BH138F300N |
| MS90727-291L | B1821BH138F300L |
| MS90727-292  | B1821BH138F325N |
| MS90727-292L | B1821BH138F325L |
| MS90727-293  | B1821BH138F350N |
| MS90727-293L | B1821BH138F350L |
| MS90727-294  | B1821BH138F375N |
| MS90727-294L | B1821BH138F375L |
| MS90727-295  | B1821BH138F400N |
| MS90727-295L | B1821BH138F400L |
| MS90727-296  | B1821BH138F425N |
| MS90727-296L | B1821BH138F425L |
| MS90727-297  | B1821BH138F450N |
| MS90727-297L | B1821BH138F450L |
| MS90727-298  | B1821BH138F475N |
| MS90727-298L | B1821BH138F475L |
| MS90727-299  | B1821BH138F500N |
| MS90727-299L | B1821BH138F500L |
| MS90727-300  | B1821BH138F550N |
| MS90727-300L | B1821BH138F550L |
| MS90727-301  | B1821BH138F600N |
| MS90727-301L | B1821BH138F600L |

NOMINAL SIZE 1 1/2 (1.5000)

|              |                 |
|--------------|-----------------|
| MS90727-302  | B1821BH150F150N |
| MS90727-302L | B1821BH150F150L |

MS 90727F  
NOTICE 1

| <u>CANCELED MS PART NO</u> | <u>SUPERSEDING PART IDENTIFYING NO (PIN)</u> |
|----------------------------|--|
| MS90727-303                | B1821BH150F175N                              |
| MS90727-303L               | B1821BH150F200N                              |
| MS90727-304                | B1821BH150F200N                              |
| MS90727-304L               | B1821BH150F200L                              |
| MS90727-305                | B1821BH150F225N                              |
| MS90727-305L               | B1821BH150F225L                              |
| MS90727-306                | B1821BH150F250N                              |
| MS90727-306L               | B1821BH150F250L                              |
| MS90727-307                | B1821BH150F275N                              |
| MS90727-307L               | B1821BH150F275L                              |
| MS90727-308                | B1821BH150F300N                              |
| MS90727-308L               | B1821BH150F300L                              |
| MS90727-309                | B1821BH150F325N                              |
| MS90727-309L               | B1821BH150F325L                              |
| MS90727-310                | B1821BH150F350N                              |
| MS90727-310L               | B1821BH150F350L                              |
| MS90727-311                | B1821BH150F375N                              |
| MS90727-311L               | B1821BH150F375L                              |
| MS90727-312                | B1821BH150F400N                              |
| MS90727-312L               | B1821BH150F400L                              |
| MS90727-313                | B1821BH150F425N                              |
| MS90727-313L               | B1821BH150F425L                              |
| MS90727-314                | B1821BH150F450N                              |
| MS90727-314L               | B1821BH150F450L                              |
| MS90727-315                | B1821BH150F475N                              |
| MS90727-315L               | B1821BH150F475L                              |
| MS90727-316                | B1821BH150F500L                              |
| MS90727-316L               | B1821BH150F500N                              |
| MS90727-317                | B1821BH150F550L                              |
| MS90727-317L               | B1821BH150F550L                              |
| MS90727-318                | B1821BH150F600N                              |
| MS90727-318L               | B1821BH150F600L                              |

