



| DESIGNATOR | ANSI SIZE | D | M | S |
|------------|-----------------------------|----------------------|-------------------------|-------------------------|
| FNX16b | $\frac{5}{8}$ -11 [M16x2] | $1\frac{0}{16}$ [16] | $\frac{43}{64}$ [17.1] | $1\frac{4}{64}$ [27.0] |
| FNX20b | $\frac{3}{4}$ -10 [M20x2.5] | $1\frac{2}{16}$ [20] | $\frac{52}{64}$ [20.7] | $1\frac{22}{64}$ [34.0] |
| FNX22b | $\frac{7}{8}$ -9 [M22x2.5] | $1\frac{4}{16}$ [22] | $\frac{60}{64}$ [23.6] | $1\frac{27}{64}$ [36.0] |
| FNX24b | 1-8 [M24x3] | $1\frac{5}{16}$ [24] | $\frac{61}{64}$ [24.2] | $1\frac{39}{64}$ [41.0] |
| FNX27b | $1\frac{1}{8}$ -7 [M27x3] | $1\frac{1}{16}$ [27] | $\frac{19}{64}$ [27.6] | $1\frac{52}{64}$ [46.0] |
| FNX30b | $1\frac{1}{4}$ -7 [M30x3.5] | $1\frac{3}{16}$ [30] | $1\frac{13}{64}$ [30.7] | $1\frac{62}{64}$ [50.0] |
| FNX36b | $1\frac{3}{8}$ -6 [M36x4] | $1\frac{7}{16}$ [36] | $1\frac{28}{64}$ [36.6] | $2\frac{23}{64}$ [60.0] |

CLASS 10S HEX NUTS

FNX16b-36b

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2006

INTENDED USE

The dimensions and tolerances of high strength nuts shall conform to ANSI B18.2.4.6M for heavy hex nuts. Zinc-mated nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 10s nuts and shall bear the identification mark " 10s" and the manufacturer's identification symbol. Corrosion resistant nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 8S3 nuts and shall bear the identification marking "8S3" and the manufacturer's identification symbol. Threads shall conform to ANSI B1.13M Class 6H. Zinc-coated nuts shall be treated according to AASHTO M232 (ASTM A153) Class C or AASHTO M298 (ASTM B695) Class 50, Type 1.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

High strength nuts are used in various sign support systems.

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