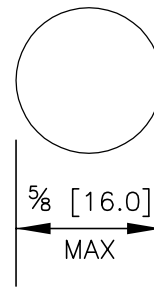
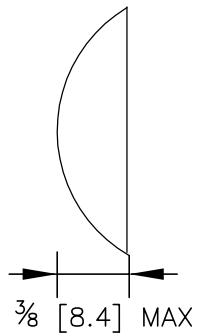


DESIGNATOR	L
FBH05	1 [25]
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## CLASS 4.6 CORNER BOLT & NUT

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## SPECIFICATIONS

Corner bolts shall have [M10x1.5] threads as defined in ANSI B1.13M for Class 6g threads. Zinc-coated hook bolt material shall conform to ASTM F568 for Class 4.6 bolts (tensile strength 400 MPa and yield strength of 240 MPa). The end of the hood bolt shall be marked with the symbol "4.6". The corner bolt shall conform to the dimensions and tolerances given in IFI 524 for round bend hook bolts.

Zinc-coated nuts shall be manufactured according to the dimensions and tolerances in ANSI B18.2.4M for metric Style 1 hex nuts (shown in drawing). Corrosion resistant nuts shall be manufactured according to the dimensions and tolerances in ANSI B18.2.4.6M (not shown in drawing). Threads shall be M10x1.5 Class 6H as defined in ANSI B1.13M. Zinc-coated nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 5 nuts.

Zinc-coated bolts and nuts shall be treated according to AASHTO M232 (ASTM A153) for Class or AASHTO M298 (ASTM B695) for Class 50.

Designator	Stress Area of Threaded Bolt Shank	Minimum Bolt Strength
FBH05-06	58.0mm <sup>2</sup>	23.2

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

This corner bolt is used in various sign systems.

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