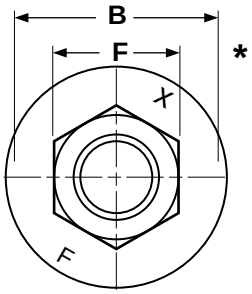
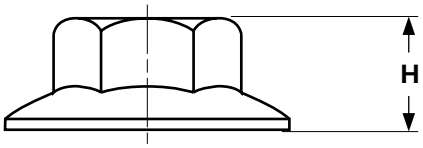
Grade-F *Large Flange* Nuts





Large Flange Nut, Grade F

MacLean-Fogg**

Nominal Size or Basic Major Dia. of Thread		F		B		H	
		Width Across Flats		Flange Diameter		Nut Thickness	
		Max	Min	Max	Min	Max	Min
1/4	0.2500	0.437	0.428	0.728	0.700	0.312	0.281
5/16	0.3125	0.500	0.489	0.820	0.790	0.375	0.343
3/8	0.3750	0.562	0.551	0.915	0.885	0.406	0.390
7/16	0.4375	0.687	0.675	1.131	1.100	0.468	0.437
1/2	0.5000	0.750	0.736	1.205	1.171	0.515	.0485

Description	A nut with a flange that is 6% to 25% wider than a regular flange nut of the same diameter.
Applications/ Advantages	Spans larger holes than a standard flange nut, as well as a more uniform bearing-stress to clamp-force ratio.
Material	AISI 1008 - 1035 carbon steel
Plating	See Appendix-A for plating information.

*Product standards require all large flange nuts 1/4" diameter and larger to have a raised or depressed grade-marking and insignia identifying its manufacturer. "X" represents one location a manufacturer's insignia may appear.

**MacLean-Fogg is the original writer of large flange grade F nut specifications.