



### **ASME B18.2.2 Flange Nuts**

Leader-Fastener is a manufacturer and distributor of **ASME B18.2.2 Flange Nuts**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and

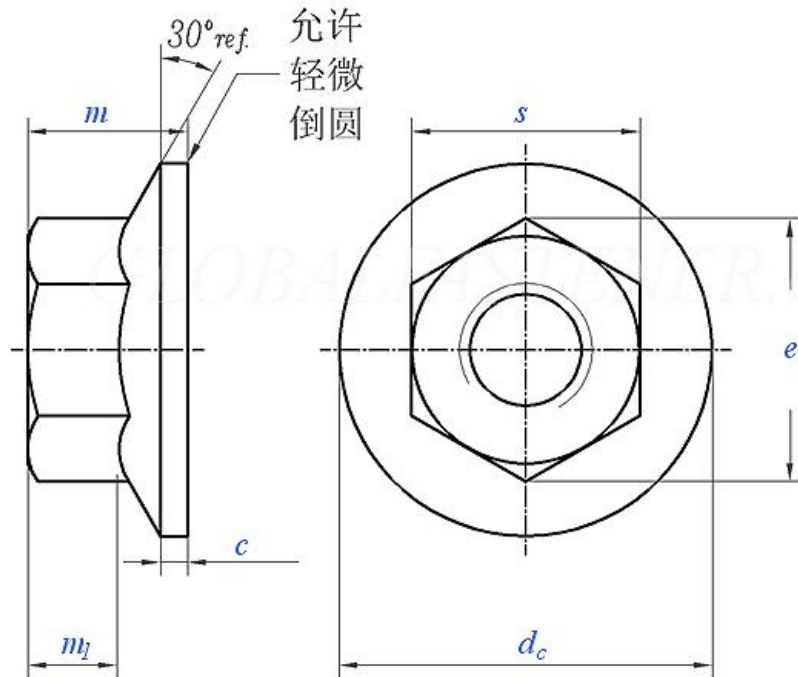
competitive price in the near future and be your friends as well.

**ASME B18.2.2 Flange Nuts** are commonly used to speed up assembly operations or in areas where their larger bearing surface can cover oversized holes or slots. The additional bearing surface also serves to distribute the pressure of the nut over the part being secured, reducing the chance of damage or to loosen.

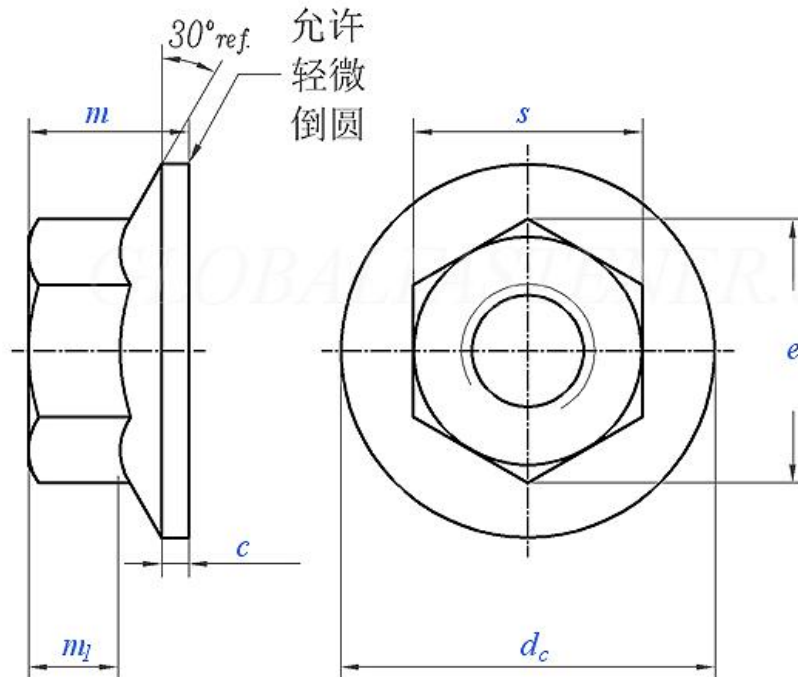
### **Product Specification of ASME B18.2.2 Flange Nuts**

Material : Carbon steel, Stainless steel, Alloy Steel, Brass.

Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

**ASME B 18.2.2 - 2022 Hex Flange Nuts [Table 13] (ASTM A563 / F594 / F467)**


Screw Thread	6#	8#	10#	12#	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	
d	0.1380	0.1640	0.1900	0.2160	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	
PP	UNC	32	32	24	24	20	18	16	14	13	12	11	10
	UNF	40	36	32	28	28	24	24	20	20	18	18	16
s	min	0.302	0.334	0.365	0.428	0.428	0.489	0.551	0.675	0.736	0.861	0.922	1.088
	max	0.312	0.344	0.375	0.438	0.438	0.500	0.562	0.688	0.750	0.875	0.938	1.125
e	min	0.342	0.381	0.416	0.488	0.488	0.557	0.628	0.768	0.840	0.982	1.051	1.240
	max	0.361	0.397	0.433	0.505	0.505	0.577	0.650	0.794	0.866	1.010	1.083	1.299
dc	min	0.406	0.452	0.480	0.574	0.574	0.660	0.728	0.910	1.000	1.155	1.248	1.460
	max	0.422	0.469	0.500	0.594	0.594	0.680	0.750	0.937	1.031	1.188	1.281	1.500
m	min	0.156	0.187	0.203	0.222	0.222	0.268	0.330	0.375	0.437	0.483	0.545	0.627
	max	0.171	0.203	0.219	0.236	0.236	0.283	0.347	0.395	0.458	0.506	0.569	0.675
c	min	0.020	0.020	0.030	0.040	0.040	0.040	0.040	0.050	0.050	0.050	0.060	
m1	min	0.100	0.130	0.130	0.140	0.140	0.170	0.230	0.260	0.310	0.350	0.400	0.460

**ASME B 18.2.2 - 2022 Large Hex Flange Nuts [Table 13] (ASTM A563 / F594 / F467)**


Screw Thread		1/4	5/16	3/8	7/16	1/2	9/16	5/8
d		0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250
PP	UNC	20	18	16	14	13	12	11
	UNF	28	24	24	20	20	18	18
s	min	0.428	0.489	0.551	0.675	0.736	0.861	0.922
	max	0.438	0.500	0.562	0.688	0.750	0.875	0.938
e	min	0.488	0.557	0.628	0.768	0.840	0.982	1.051
	max	0.505	0.577	0.650	0.794	0.866	1.010	1.083
$d_c$	min	0.700	0.790	0.885	1.100	1.175	1.260	1.280
	max	0.728	0.820	0.915	1.131	1.205	1.300	1.360
m	min	0.281	0.343	0.390	0.437	0.485	0.546	0.600
	max	0.312	0.375	0.406	0.468	0.515	0.578	0.640
c	min	0.04	0.04	0.04	0.04	0.06	0.06	0.06
m1	min	0.15	0.2	0.24	0.26	0.29	0.37	0.42