



ANSI B18.2.2 Castle Nut

Leader-Fastener is a manufacturer and distributor of **ANSI B18.2.2 Castle Nut**. 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

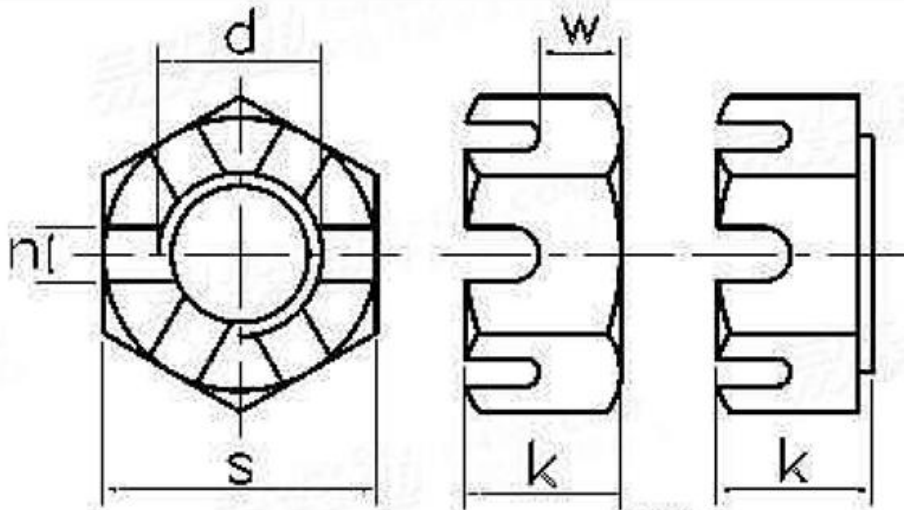
business by topping quality, knight service and competitive price in the near future and be your friends as well.

ANSI B18.2.2 Hex Castle Nuts or Castellated Nuts have notches on one end, which resemble the serrated tops of castle parapets. These nuts are used with a bolt with cross-drilled holes, so that a cotter pin can pass through the nut and into a hole in a bolt shank, thus preventing the nut from loosening. The notched end is turned down slightly, allowing the cotter pin to be bent around the nut. Often used in machinery, shafts and automotive applications.

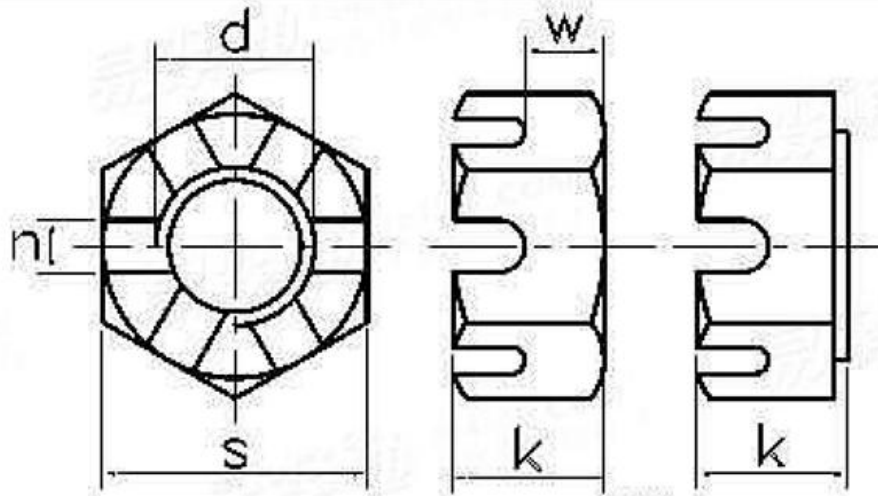
Product Specification of ANSI B18.2.2 Castle Nut

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

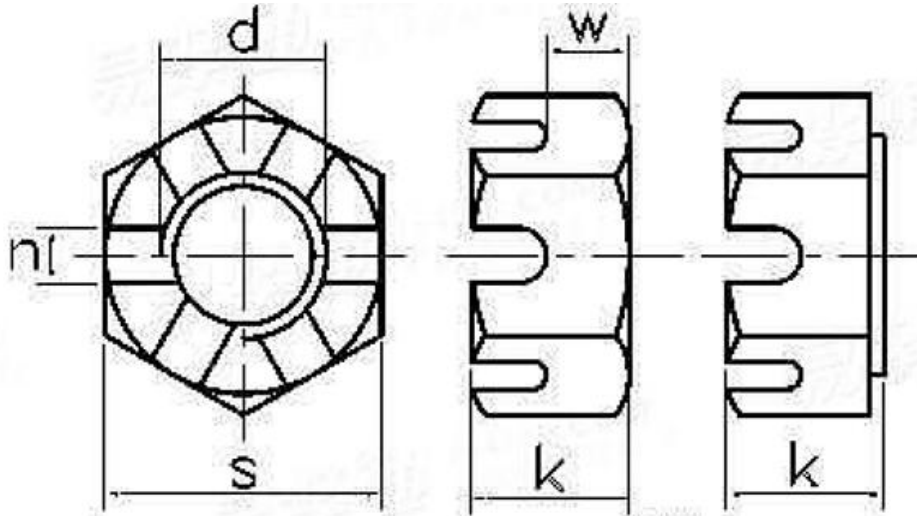
Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

ANSI/ASME B 18.2.2 - 2010 Hex Slotted Nuts [Table5]


d	s		k		n		w	
	max	min	max	min	max	min	max	min
1/4	0.438	0.428	0.226	0.212	0.10	0.07	0.14	0.12
5/16	0.500	0.489	0.273	0.258	0.12	0.09	0.18	0.16
3/8	0.562	0.551	0.337	0.320	0.15	0.12	0.21	0.19
7/16	0.688	0.675	0.385	0.365	0.15	0.12	0.23	0.21
1/2	0.750	0.736	0.448	0.427	0.18	0.15	0.29	0.27
9/16	0.875	0.861	0.496	0.473	0.18	0.15	0.31	0.29
5/8	0.938	0.922	0.559	0.535	0.24	0.18	0.34	0.32
3/4	1.125	1.088	0.665	0.617	0.24	0.18	0.40	0.38
7/8	1.312	1.269	0.776	0.724	0.24	0.18	0.52	0.49
1	1.500	1.450	0.887	0.831	0.30	0.24	0.59	0.56
1-1/8	1.688	1.631	0.999	0.939	0.33	0.24	0.64	0.61
1-1/4	1.875	1.812	1.094	1.030	0.40	0.31	0.70	0.67
1-3/8	2.062	1.994	1.206	1.138	0.40	0.31	0.82	0.78
1-1/2	2.250	2.175	1.317	1.245	0.46	0.37	0.86	0.82

ANSI/ASME B 18.2.2 - 2010 Hex Thick Slotted Nuts [Table7]


d	s		k		n		w	
	max	min	max	min	max	min	max	min
1/4	0.438	0.428	0.288	0.274	0.10	0.07	0.20	0.18
5/16	0.500	0.489	0.336	0.320	0.12	0.09	0.24	0.22
3/8	0.562	0.551	0.415	0.398	0.15	0.12	0.29	0.27
7/16	0.688	0.675	0.463	0.444	0.15	0.12	0.31	0.29
1/2	0.750	0.736	0.573	0.552	0.18	0.15	0.42	0.40
9/16	0.875	0.861	0.621	0.598	0.18	0.15	0.43	0.41
5/8	0.938	0.922	0.731	0.706	0.24	0.18	0.51	0.49
3/4	1.125	1.088	0.827	0.798	0.24	0.18	0.57	0.55
7/8	1.312	1.269	0.922	0.890	0.24	0.18	0.67	0.64
1	1.500	1.450	1.018	0.982	0.30	0.24	0.73	0.70
1-1/8	1.688	1.631	1.176	1.136	0.33	0.24	0.83	0.80
1-1/4	1.875	1.812	1.272	1.228	0.40	0.31	0.89	0.86
1-3/8	2.062	1.994	1.399	1.351	0.40	0.31	1.02	0.98
1-1/2	2.250	2.175	1.526	1.474	0.46	0.37	1.08	1.04

ANSI/ASME B 18.2.2 - 2010 Heavy Hex Slotted Nuts [Table 11]


d	s		k		n		w	
	max	min	max	min	max	min	max	min
1/4	0.500	0.488	0.250	0.218	0.10	0.07	0.15	0.13
5/16	0.562	0.546	0.314	0.280	0.12	0.09	0.21	0.19
3/8	0.688	0.669	0.377	0.341	0.15	0.12	0.24	0.22
7/16	0.750	0.728	0.441	0.403	0.15	0.12	0.28	0.26
1/2	0.875	0.850	0.504	0.464	0.18	0.15	0.34	0.32
9/16	0.938	0.909	0.568	0.526	0.18	0.15	0.37	0.35
5/8	1.062	1.031	0.631	0.587	0.24	0.18	0.40	0.38
3/4	1.250	1.212	0.758	0.710	0.24	0.18	0.49	0.47
7/8	1.438	1.394	0.885	0.833	0.24	0.18	0.62	0.59
1	1.625	1.575	1.012	0.956	0.3	0.24	0.72	0.69
1-1/8	1.812	1.756	1.139	1.079	0.33	0.24	0.78	0.75
1-1/4	2.000	1.938	1.251	1.187	0.4	0.31	0.86	0.83
1-3/8	2.188	2.119	1.378	1.310	0.4	0.31	0.99	0.95
1-1/2	2.375	2.300	1.505	1.433	0.46	0.37	1.05	1.01
1-3/4	2.750	2.662	1.759	1.679	0.52	0.43	1.24	1.2
2	3.125	3.025	2.013	1.925	0.52	0.43	1.43	1.38
2-1/4	3.500	3.388	2.251	2.155	0.52	0.43	1.67	1.62
2-1/2	3.875	3.750	2.505	2.401	0.64	0.55	1.79	1.74
2-3/4	4.250	4.112	2.759	2.647	0.64	0.55	2.05	1.99
3	4.625	4.475	3.013	2.893	0.71	0.62	2.23	2.17

3-1/4	5	4.838	3.252	3.124	0.71	0.62	2.47	2.41
3-1/2	5.375	5.200	3.506	3.370	0.71	0.62	2.72	2.65
3-3/4	5.750	5.562	3.760	3.616	0.71	0.62	2.97	2.9
4	6.125	5.925	4.014	3.862	0.71	0.62	3.22	3.15