ANSI B18.6.9 Wing Nuts

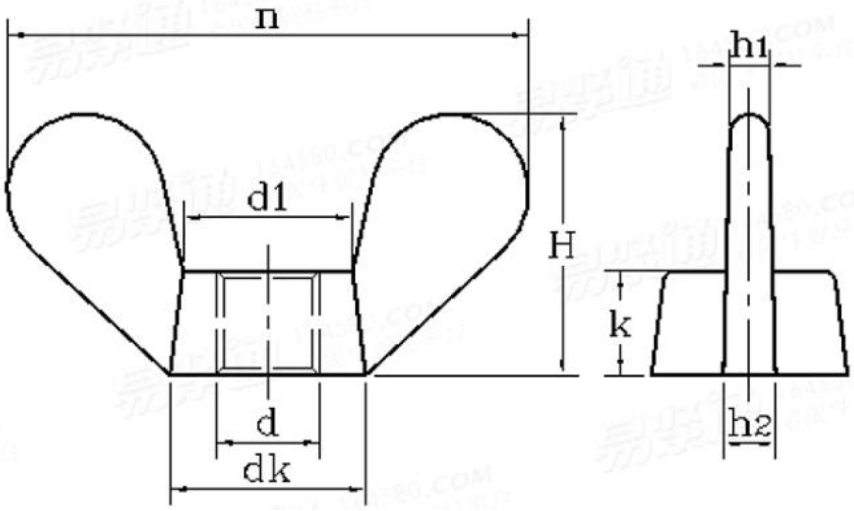
Leader-Fastener is a manufacturer and distributor of **ANSI B18.6.9 Wing Nuts**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We 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.

ANSI B18.6.9 Wing Nuts is a type of nut with two large metal "wings", one on each side, so it can be easily tightened and loosened by hand without tools.Wing nuts are distinguished from other types of nuts by their use of tabs. As shown in the adjacent photo, they have two tabs. These tabs or “wings” provide gripping surface so that you can easily install and remove them.

Product Specification of ANSI B18.6.9 Wing Nuts

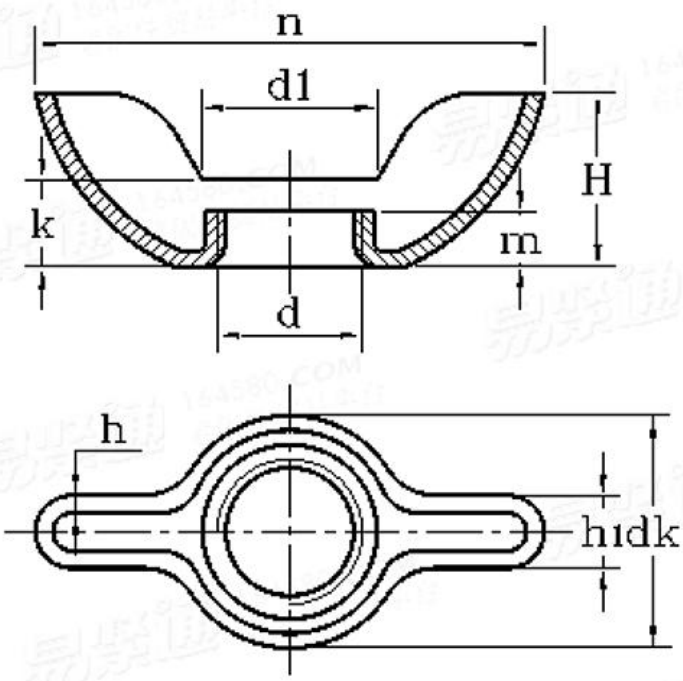
Material : Carbon steel, Stainless steel, Alloy Steel, Brass.
Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

ANSI/ASME B 18.6.9 - 2010 High wing nuts -round nose



d	n		H		h_1		d_1		d_k		k	
	max	min	max	min	max	min	max	min	max	min	max	min
#5	0.81	0.75	0.62	0.56	0.12	0.09	0.28	0.22	0.31	0.28	0.22	0.16
#10	1.01	0.95	0.78	0.72	0.14	0.11	0.35	0.29	0.39	0.36	0.28	0.22
1/4	1.22	1.16	0.94	0.88	0.16	0.13	0.41	0.35	0.47	0.44	0.34	0.28
5/16	1.43	1.37	1.09	1.03	0.17	0.14	0.48	0.42	0.55	0.52	0.41	0.34
3/8	1.63	1.57	1.25	1.19	0.18	0.15	0.55	0.49	0.63	0.60	0.47	0.41
7/16	1.90	1.84	1.42	1.36	0.19	0.16	0.62	0.56	0.71	0.68	0.53	0.47
1/2	2.13	2.04	1.58	1.45	0.20	0.17	0.69	0.60	0.79	0.76	0.62	0.50
9/16	2.40	2.28	1.78	1.62	0.22	0.18	0.76	0.67	0.88	0.84	0.69	0.56
5/8	2.60	2.48	1.91	1.78	0.23	0.19	0.83	0.74	0.96	0.92	0.75	0.62
3/4	3.02	2.90	2.22	2.09	0.24	0.20	0.97	0.88	1.12	1.08	0.88	0.75

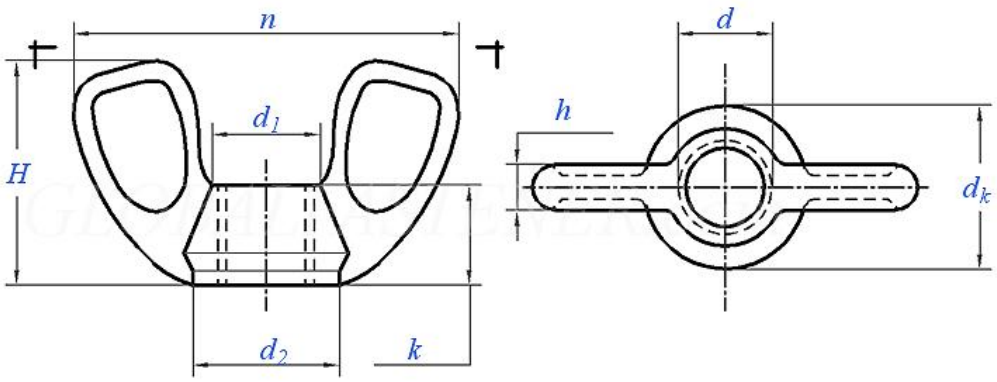
ANSI/ASME B 18.6.9 - 2010 High wing nuts-stamping type



d	n		H		h_1		d_1	d_k		m	k	h	
	max	min	max	min	max	min	min	max	min	min	min	max	min
#10	1.31	1.25	0.48	0.42	0.29	0.23	0.47	0.65	0.59	0.08	0.12	0.04	0.03
#10	1.40	1.34	0.53	0.47	0.25	0.19	0.50	0.75	0.69	0.08	0.14	0.04	0.03
#12	1.28	1.22	0.40	0.34	0.23	0.17	0.59	0.73	0.67	0.11	0.12	0.04	0.03

1/4	1.28	1.22	0.40	0.34	0.23	0.17	0.59	0.73	0.67	0.11	0.12	0.04	0.03
	1.78	1.72	0.66	0.60	0.31	0.25	0.70	1.03	0.97	0.14	0.17	0.06	0.04
	1.47	1.40	0.50	0.44	0.37	0.31	0.66	1.03	0.97	0.14	0.14	0.08	0.06
5/16	1.78	1.72	0.66	0.60	0.31	0.25	0.70	1.03	0.97	0.14	0.17	0.06	0.04
	1.47	1.40	0.50	0.44	0.37	0.31	0.66	1.03	0.97	0.14	0.14	0.08	0.06

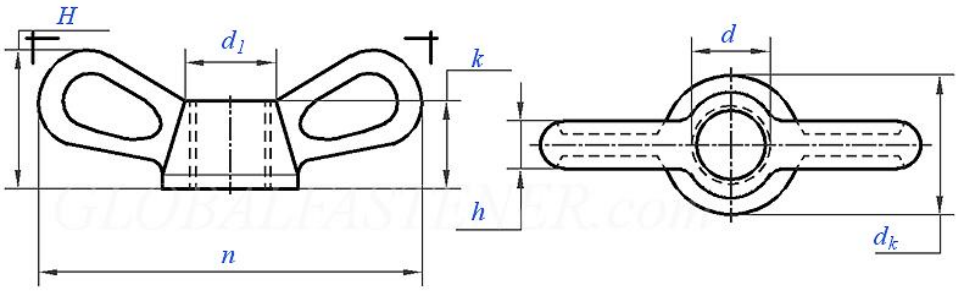
ANSI/ASME B 18.6.9 - 2010 Type C, Style 1 Wing Nuts



Thread Size		4#	5#	6#	6#	8#	10#	12#	12#	1/4	5/16	3/8	7/16	7/16	1/2	1/2
d		regular	regular	regular	heavy	regular	regular	regular	heavy	regular	regular	regular	regular	heavy	regular	heavy
d		0.1120	0.1250	0.1380	0.1380	0.1640	0.1900	0.2160	0.2160	0.2500	0.3125	0.3750	0.4375	0.4375	0.5000	0.5000
PP		40	40	32	32	32	24&32	24	24	20&28	18&24	16&24	14&20	14&20	13&20	13&20
n	max	0.660	0.660	0.660	0.850	0.850	0.850	0.850	1.080	1.080	1.230	1.450	1.890	1.890	1.890	1.890
	min	0.640	0.640	0.640	0.830	0.830	0.830	0.830	1.050	1.050	1.200	1.420	1.860	1.860	1.860	1.860
H	max	0.360	0.360	0.360	0.430	0.430	0.430	0.430	0.570	0.570	0.640	0.740	0.910	0.930	0.910	0.930
	min	0.350	0.350	0.350	0.420	0.420	0.420	0.420	0.530	0.530	0.620	0.720	0.900	0.910	0.900	0.910
h	max	0.110	0.110	0.110	0.140	0.140	0.140	0.140	0.160	0.160	0.200	0.230	0.290	0.340	0.290	0.340
	min	0.090	0.090	0.090	0.120	0.120	0.120	0.120	0.140	0.140	0.180	0.210	0.280	0.330	0.280	0.330
d_1	max	0.180	0.180	0.180	0.290	0.290	0.290	0.290	0.320	0.320	0.390	0.460	0.670	0.630	0.670	0.630
	min	0.160	0.160	0.160	0.270	0.270	0.270	0.270	0.300	0.300	0.350	0.420	0.650	0.620	0.650	0.620

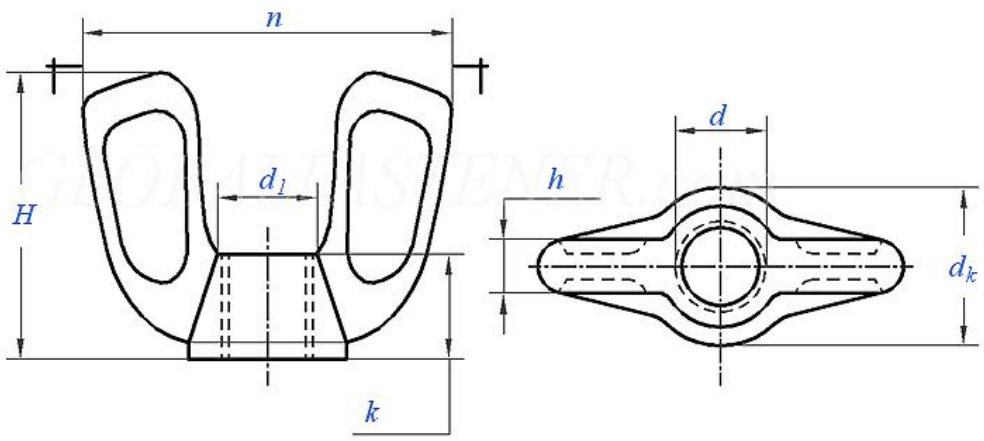
d_2	max	0.270	0.270	0.270	0.380	0.380	0.380	0.380	0.440	0.440	0.500	0.620	0.750	0.810	0.750	0.810
	min	0.250	0.250	0.250	0.360	0.360	0.360	0.360	0.420	0.420	0.490	0.600	0.730	0.790	0.730	0.790
d_k	max	0.320	0.320	0.320	0.410	0.410	0.410	0.410	0.480	0.480	0.570	0.690	0.830	0.890	0.830	0.890
	min	0.300	0.300	0.300	0.400	0.400	0.400	0.400	0.460	0.460	0.550	0.670	0.820	0.870	0.820	0.870
k	max	0.160	0.160	0.160	0.200	0.200	0.200	0.200	0.230	0.230	0.260	0.290	0.380	0.420	0.380	0.420
	min	0.140	0.140	0.140	0.180	0.180	0.180	0.180	0.210	0.210	0.240	0.270	0.370	0.400	0.370	0.400

ANSI/ASME B 18.6.9 - 2010 Type C, Style 2 Wing Nuts



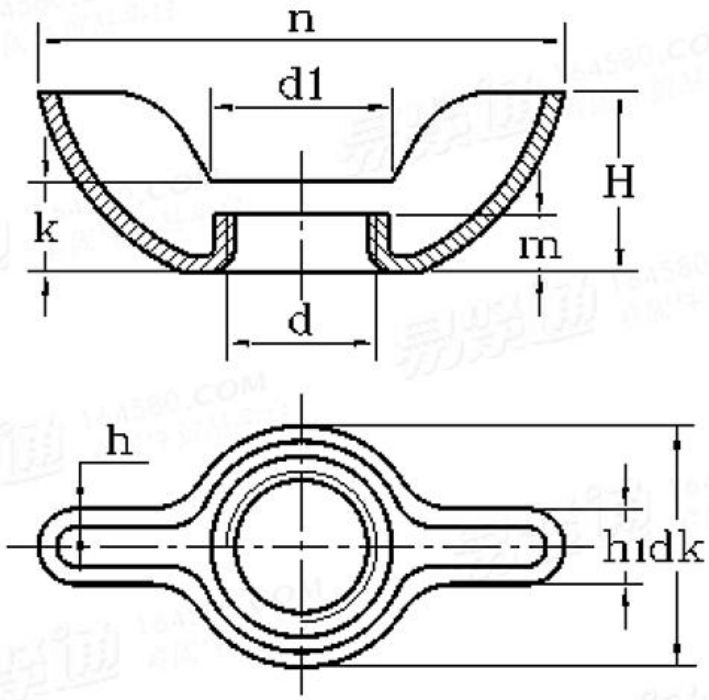
Screw Thread		5#	6#	8#	10#	12#	1/4	5/16	3/8
d		0.1250	0.1380	0.1640	0.1900	0.2160	0.2500	0.3125	0.3750
PP		40	32	32	24 / 32	24	20	18	16
n	max	0.820	0.820	1.010	1.010	1.200	1.200	1.510	1.890
	min	0.800	0.800	0.990	0.990	1.180	1.180	1.490	1.860
H	max	0.250	0.250	0.280	0.280	0.320	0.320	0.360	0.580
	min	0.230	0.230	0.270	0.270	0.310	0.310	0.350	0.550
h	max	0.090	0.090	0.110	0.110	0.120	0.120	0.140	0.200
	min	0.080	0.080	0.090	0.090	0.110	0.110	0.120	0.170
d_1	max	0.210	0.210	0.290	0.290	0.380	0.380	0.440	0.440
	min	0.190	0.190	0.280	0.280	0.370	0.370	0.430	0.430
d_k	max	0.260	0.260	0.360	0.360	0.440	0.440	0.510	0.630
	min	0.240	0.240	0.340	0.340	0.430	0.430	0.490	0.620
k	max	0.170	0.170	0.190	0.190	0.220	0.220	0.240	0.370
	min	0.150	0.150	0.180	0.180	0.200	0.200	0.230	0.350

ANSI/ASME B 18.6.9 - 2010 Type C, Style 3 Wing Nuts



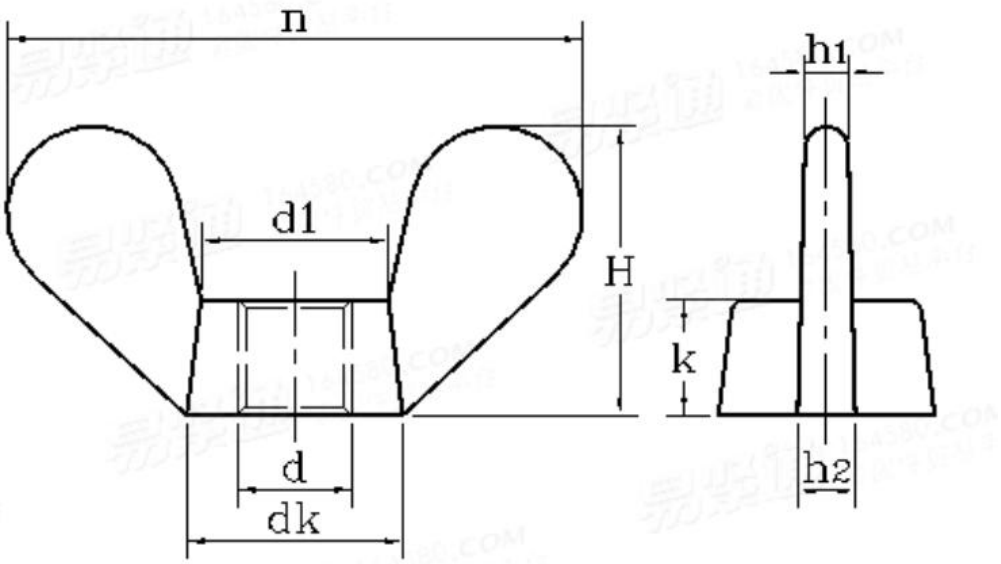
Screw Thread		5#	6#	8#	10#	12#	1/4	5/16	3/8
d		0.1250	0.1380	0.1640	0.1900	0.2160	0.2500	0.3125	0.3750
PP		40	32	32	24&32	24	20	18	16
n	max	0.920	0.920	0.920	1.140	1.140	1.140	1.290	1.510
	min	0.890	0.890	0.890	1.120	1.120	1.120	1.270	1.490
H	max	0.700	0.700	0.700	0.850	0.850	0.850	1.040	1.200
	min	0.670	0.670	0.670	0.830	0.830	0.830	1.020	1.180
h	max	0.160	0.160	0.160	0.190	0.190	0.190	0.230	0.270
	min	0.150	0.150	0.150	0.170	0.170	0.170	0.220	0.250
d_1	max	0.260	0.260	0.260	0.320	0.320	0.320	0.390	0.450
	min	0.240	0.240	0.240	0.300	0.300	0.300	0.360	0.420
d_k	max	0.380	0.380	0.380	0.440	0.440	0.440	0.500	0.620
	min	0.360	0.360	0.360	0.420	0.420	0.420	0.490	0.600
k	max	0.250	0.250	0.250	0.290	0.290	0.290	0.350	0.430
	min	0.240	0.240	0.240	0.270	0.270	0.270	0.340	0.420

ANSI/ASME B 18.6.9 - 2010 Wing nut-short type and stamping type



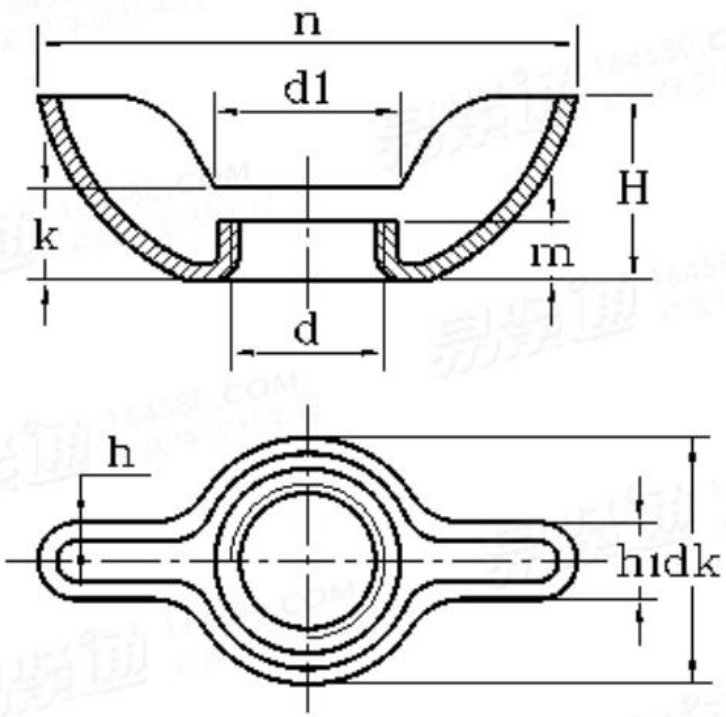
d	n		H		h1		d1	dk		m	k	h	
	max	min	max	min	max	min	min	max	min	min	min	max	min
#5	1.03	0.97	0.25	0.19	0.19	0.13	0.30	0.40	0.34	0.07	0.09	0.04	0.03
#6	1.03	0.97	0.25	0.19	0.19	0.13	0.30	0.40	0.34	0.08	0.09	0.04	0.03
#8	1.03	0.97	0.25	0.19	0.19	0.13	0.30	0.40	0.34	0.08	0.09	0.04	0.03
#10	1.40	1.34	0.34	0.28	0.25	0.18	0.32	0.53	0.47	0.09	0.16	0.05	0.04
	1.21	1.16	0.28	0.26	0.31	0.25	0.60	0.61	0.55	0.09	0.13	0.05	0.04
#12	1.21	1.16	0.28	0.26	0.31	0.25	0.60	0.61	0.55	0.11	0.13	0.05	0.04
1/4	1.21	1.16	0.28	0.26	0.31	0.25	0.60	0.61	0.55	0.11	0.13	0.05	0.04

ANSI/ASME B 18.6.9 - 2010 Wing nuts-short type and round nose type



d	n		H		h1		d1		dk		k	
	max	min	max	min	max	min	max	min	max	min	max	min
#5	0.78	0.72	0.36	0.30	0.13	0.10	0.28	0.22	0.31	0.28	0.22	0.16
#10	0.97	0.91	0.45	0.39	0.15	0.12	0.34	0.28	0.39	0.36	0.28	0.22
1/4	1.16	1.09	0.56	0.50	0.17	0.14	0.41	0.34	0.47	0.44	0.34	0.28
5/16	1.44	1.38	0.67	0.61	0.18	0.15	0.50	0.44	0.55	0.52	0.41	0.34
3/8	1.72	1.66	0.80	0.73	0.20	0.17	0.59	0.53	0.63	0.60	0.47	0.41
7/16	2.00	1.94	0.91	0.84	0.21	0.18	0.69	0.62	0.71	0.68	0.53	0.47
1/2	2.31	2.22	1.06	0.94	0.23	0.20	0.78	0.69	0.79	0.76	0.62	0.50
9/16	2.59	2.47	1.17	1.05	0.25	0.21	0.88	0.78	0.88	0.84	0.69	0.56
5/8	2.84	2.72	1.31	1.19	0.27	0.23	0.94	0.84	0.96	0.92	0.75	0.62
3/4	3.31	3.19	1.52	1.39	0.29	0.25	1.10	1.00	1.12	1.08	0.88	0.75

ANSI/ASME B 18.6.9 - 2010 Wing nuts-standard type and stamping type



d	n		H		h1		d1	dk		m	k	h	
	max	min	max	min	max	min	min	max	min	min	min	max	min
#8	0.78	0.72	0.40	0.34	0.18	0.14	0.25	0.41	0.35	0.08	0.12	0.04	0.03
#10	0.91	0.85	0.47	0.41	0.21	0.17	0.34	0.53	0.47	0.10	0.12	0.04	0.03
#12	1.09	1.03	0.47	0.41	0.21	0.17	0.34	0.53	0.47	0.10	0.12	0.05	0.04
1/4	1.11	1.05	0.50	0.44	0.25	0.21	0.34	0.62	0.56	0.11	0.12	0.05	0.04
5/16	1.30	1.24	0.59	0.53	0.30	0.26	0.46	0.73	0.67	0.14	0.18	0.06	0.05
3/8	1.41	1.34	0.67	0.61	0.34	0.30	0.69	0.83	0.77	0.16	0.18	0.06	0.05