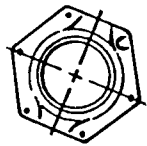


LOCKNUT SPECIFICATIONS

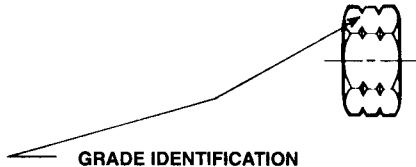
Automation Locknut, Grade C, Cadmium Plated All-Metal



COARSE THREAD

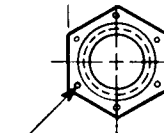
FINE THREAD

NUT SIZE AND THREADS	PROOF LOAD		TORQUE TENSION				PREVAILING TORQUE				NUT SIZE AND THREADS	PROOF LOAD		TORQUE TENSION				PREVAILING TORQUE							
	Lbs.		Lbs.	FIN HEX		FLANGE		FIRST INSTALL IN. LB. MAX.	FIRST REMOVAL			FIFTH REMOVAL		Lbs.	Lbs.	FIN HEX		FLANGE		FIRST INSTALL IN. LB. MAX.	FIRST REMOVAL		FIFTH REMOVAL		
	FIN HEX	JAM HEX		CLAMP LOAD	MAX	MIN	MAX		MIN	HIGH-EST READING MIN. IN. LB.		LOW-EST READING MIN. IN. LB.	HIGH-EST READING MIN. IN. LB.			LOW-EST READING MIN. IN. LB.	FIN HEX	JAM HEX	CLAMP LOAD		MAX	MIN	MAX	MIN	HIGH-EST READING MIN. IN. LB.
4 - 40	910	—	550	—	—	—	—	4.0	1.0	0.5	0.5	0.2	No. 4 - 48	990	—	600	—	—	—	—	4.0	1.0	0.5	0.5	0.2
6 - 32	1,350	—	810	—	—	—	—	8.0	2.0	1.0	1.5	0.5	6 - 40	1,500	—	900	—	—	—	—	8.0	2.0	1.0	1.0	0.5
8 - 32	2,100	—	1,250	—	—	—	—	12	2.5	1.0	2.0	1.0	8 - 36	2,200	—	1,300	—	—	—	12	2.5	1.0	2.0	1.0	
10 - 24	2,600	—	1,550	—	—	—	—	17	3.5	1.5	2.5	1.0	10 - 32	3,000	—	1,800	—	—	—	17	3.5	1.5	2.5	1.0	
12 - 24	3,650	—	2,200	—	—	—	—	27	4.5	2	3.0	1.5	12 - 28	3,900	—	2,350	—	—	—	27	4.5	2	3.0	1.5	
1/4 - 20	4,750	2,850	2,850	125	85	150	100	40	6.0	3	4.5	2	1/4 - 28	5,450	3,300	3,250	125	85	160	105	40	6.0	3	4.5	2
5/16 - 18	7,850	4,700	4,700	190	130	240	155	80	10.5	5	7.5	3	5/16 - 24	8,700	5,200	5,200	200	140	230	155	80	10.5	5	7.5	3
3/8 - 16	11,600	7,000	6,950	28*	20*	32*	21*	110	16	7.5	11.5	5	3/8 - 24	13,200	7,900	7,900	29*	21*	33*	22*	110	16	7.5	11.5	5
7/16 - 14	15,900	9,550	9,800	43*	31*	51*	34*	135	23	10	16	7.5	7/16 - 20	17,800	10,700	10,700	43*	31*	60*	40*	135	23	10	16	7.5
1/2 - 13	21,300	12,800	12,800	62.5*	45*	85*	55*	17*	30	15	20.	10	1/2 - 20	24,000	14,400	14,400	70*	50*	89*	59*	17*	30	15	20	10
9/16 - 12	27,300	16,400	16,400	95*	70*	120*	80*	25*	40	20	28	12.5	9/16 - 18	30,400	18,300	18,300	95*	70*	132*	88*	25*	40	20	28	12.5
5/8 - 11	33,900	20,300	20,300	122.5*	90*	143*	95*	35*	52	25	36	15	5/8 - 18	38,400	23,000	23,000	125*	90*	175*	115*	35*	52	25	36	15
3/4 - 10	50,100	30,100	30,100	210*	155*	240*	160*	45*	78	35	54	25	3/4 - 16	56,000	33,600	33,600	210*	155*	270*	170*	45*	78	35	54	25
7/8 - 9	69,300	41,600	41,600	312.5*	225*	360*	260*	70*	117	50	82	40	7/8 - 14	76,400	45,800	45,800	312.5*	225*	402*	247*	70*	117	50	82	40
1 - 8	90,900	54,500	54,600	462.5*	360*	530*	410*	90*	180	80	112	50	1 - 14	101,900	59,700	61,100	500*	362.5*	645*	398*	90*	180	80	112	50
1 1/4 - 7	115,000	68,700	69,000	585*	454*	—	—	100*	200	100	140	70	1 1/4 - 12	128,000	77,000	78,800	622*	453*	—	—	100*	200	100	140	70
1 1/2 - 7	145,000	87,200	87,000	736*	573*	—	—	110*	250	120	176	80	1 1/2 - 12	161,000	96,600	96,600	782*	570*	—	—	110*	250	120	176	80
1 3/4 - 6	173,000	104,000	104,000	880*	685*	—	—	135*	293	140	205	100	1 3/4 - 12	197,000	118,400	118,000	955*	696*	—	—	135*	293	140	205	100
1 1/2 - 6	211,000	126,000	127,000	1,075*	837*	—	—	150*	346	170	242	120	1 1/2 - 12	237,000	142,300	142,000	1,150*	837*	—	—	150*	346	170	242	120



GRADE IDENTIFICATION

GRADE A NO NOTCHES
 GRADE B ONE CIRCUMFERENTIAL NOTCH
 GRADE C TWO CIRCUMFERENTIAL NOTCHES

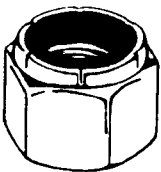


GRADE IDENTIFICATION

GRADE A NO MARKS
 GRADE B THREE MARKS
 GRADE C SIX MARKS
 MARKS NEED NOT BE LOCATED AT CORNERS

STANDARD HEX NYLON INSERT LOCKNUT GRADE A (2) STEEL

NM-NE



Size	A Thickness	B Across Flats	C Across Corners**	Weight Lbs./C	Prevailing Torque In.-Lbs., Max.	Breakaway Torque	
						1st Removal In.-Lbs., Min.	5th Removal In.-Lbs., Min.
2-56, 2-64	.143	.250	.275	.14	3.0	1.0	0.5
3-48, 3-56	.143	.250	.275	.14	3.0	1.0	0.5
4-40, 4-48	.143	.250	.275	.14	3.0	1.0	0.5
5-40, 5-44	.143	.250	.275	.14	3.0	1.0	0.5
6-32, 6-40	.178	.312	.344	.32	6.0	1.5	1.0
8-32, 8-36	.229	.345	.378	.42	9.0	2.0	1.5
10-24, 10-32	.239	.375	.413	.50	13.0	2.5	2.0
12-24, 12-28	.313	.437	.488	.92	30.0	5.0	3.5
1/4-20, 1/4-28	.313	.438	.488	.90	30.0	5.0	3.5
5/16-18, 5/16-24	.344	.500	.557	1.20	60	8	5.5
3/8-16, 3/8-24	.453	.562	.628	1.80	80	12	8.5
7/16-14, 7/16-20	.453	.625	.698	2.30	100	17	12
1/2-13, 1/2-20	.594	.750	.840	4.30	150	22	15
9/16-12, 9/16-18	.641	.875	.982	7.10	200	30	21
5/8-11, 5/8-18	.750	.938	1.051	8.30	300	39	27
3/4-10, 3/4-16	.875	1.062	1.191	12.0	400	58	41
7/8-9, 7/8-14	.984	1.250	1.403	19.0	600	88	62
1-8, 1-12, 1-14	*1.047	1.438	1.615	27.0	800	120	84
1 1/8-7, 1 1/8-12	*1.172	1.625	1.826	41.0	900	150	105
1 1/4-7, 1 1/4-12	*1.391	1.812	2.038	58.0	1000	188	132
1 3/8-6, 1 3/8-12	*1.578	2.000	2.249	77.0	1200	220	154
1 1/2-6, 1 1/2-12	*1.609	2.188	2.416	100.00	1350	260	182