

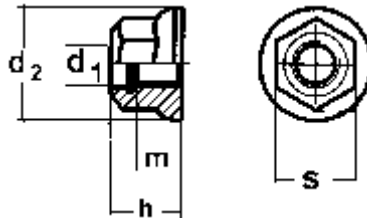


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WDS Tech Data
Grade G Hex Flanged Lock Nuts
IFI 100/107 1987



d1	d2 max	s - basic	s - max	h - max	m
1/4	0.560	7/16	0.4380	0.300	0.300
5/16	0.680	1/2	0.5000	0.365	0.365
3/8	0.810	9/16	0.5625	0.425	0.425
7/16	0.930	5/8	0.6250	0.495	0.495
1/2	1.070	3/4	0.7500	0.555	0.555
9/16	1.190	7/8	0.8770	0.625	0.625
5/8	1.330	15/16	0.9375	0.690	0.690
3/4	1.585	1 1/8	1.1250	0.825	0.825

Grade G Hex Flanged Lock Nuts UNC

Bolt Diameter	Property Grade	Proof Load (lb)	Clamp Load (lb) Plain Finish	Prevailing Torque First Installation (Max)	Prevailing Torque First Removal (Max)	Prevailing Torque Fifth Removal (Max)	Tightening Torque (Max)
1/4	G	4750	2850	40.00 in lb	6.00 in lb	4.50 in lb	150 in lb
5/16	G	7850	4700	80.00 in lb	10.50 in lb	7.50 in lb	240 in lb
3/8	G	11600	6950	110.00 in lb	16.00 in lb	11.50 in lb	32 ft lb
7/16	G	16000	9600	135.00 in lb	23.00 in lb	16.00 in lb	51 ft lb
1/2	G	21300	12800	17 ft lb	30.00 in lb	20.00 in lb	85 ft lb
9/16	G	27300	16400	25 ft lb	40.00 in lb	28.00 in lb	120 ft lb
5/8	G	33900	20300	35 ft lb	52.00 in lb	36.00 in lb	143 ft lb
3/4	G	50100	30100	45 ft lb	78.00 in lb	54.00 in lb	240 ft lb



Grade G Hex Flanged Lock Nuts UNF

Bolt Diameter	Property Grade	Proof Load (lb)	Clamp Load (lb) Plain Finish	Prevailing Torque First Installation (Max)	Prevailing Torque First Removal (Max)	Prevailing Torque Fifth Removal (Max)	Tightening Torque (Max)
1/4	G	5450	3250	40.00 in lb	6.00 in lb	4.50 in lb	160 in lb
5/16	G	8700	5200	80.00 in lb	10.50 in lb	7.50 in lb	230 in lb
3/8	G	13200	7900	110.00 in lb	16.00 in lb	11.50 in lb	33 ft lb
7/16	G	17800	10700	135.00 in lb	23.00 in lb	16.00 in lb	60 ft lb
1/2	G	24000	14400	17 ft lb	30.00 in lb	20.00 in lb	89 ft lb
9/16	G	30500	18300	25 ft lb	40.00 in lb	28.00 in lb	132 ft lb
5/8	G	38400	23000	35 ft lb	52.00 in lb	36.00 in lb	175 ft lb
3/4	G	56000	33600	45 ft lb	78.00 in lb	54.00 in lb	270 ft lb