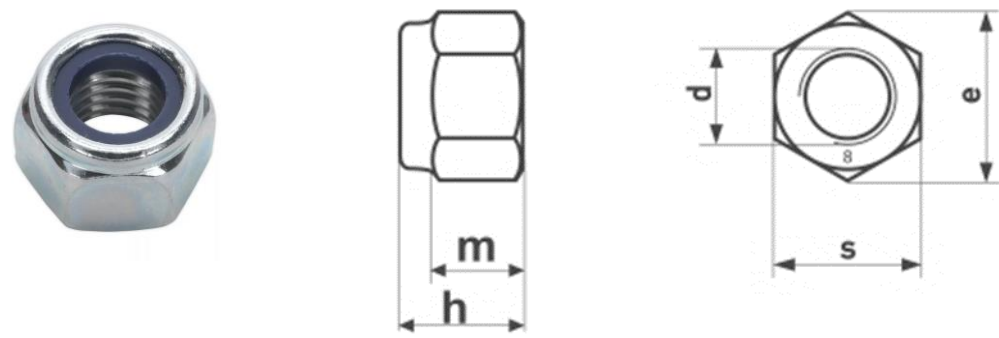


Hex Nylon Insert Nuts Type 'P' Din 982

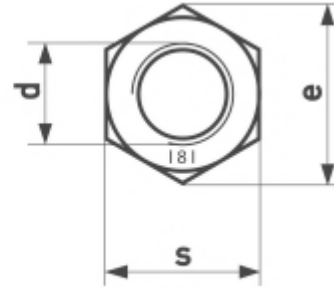


dia	m	h	s	e
M5	4.4	6.3	8	8.79
M6	4.9	8	10	11.05
M8	6.44	9.5	13	14.38
M10	8.04	11.5	17	18.9
M12	10.37	14	19	21.1
M14	12.1	16	22	24.49
M16	14.1	18	24	26.75
M18	15.1	20	27	29.56
M20	16.9	22	30	32.95
M22	18.1	25	32	35.03
M24	20.2	28	36	39.55

The **Nyloc nut** is an economic locking nut and ideal in applications where vibration or motion could loosen or undo the nut. The nut can also be used to assist sealing the bolt thread against seepage of oil, water, petrol, paraffin and other liquids.

Tel: 01234 346242
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sales@challenge-europe.co.uk

Hex Nylon Insert Nuts Type 'T' Din 985

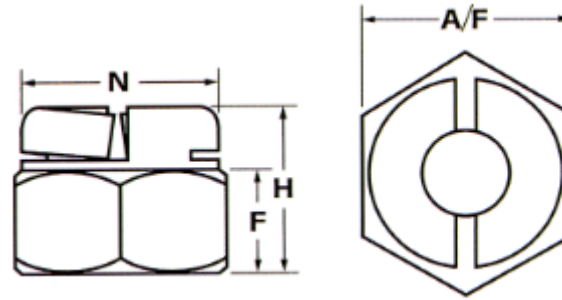


dia	m	h	s	e
M2.5	2	3.8	5	5.51
M3	2.4	4	5.5	6
M4	2.9	5	7	7.66
M5	3.2	5	8	8.79
M6	4	6	10	11.05
M8	5.5	8	13	14.38
M10	6.5	10	17	18.9
M12	8	12	19	21.1
M14	9.5	14	22	24.49
M16	10.5	16	24	26.75
M18	13	18.5	27	29.6
M20	13	18.5	27	29.56
M22	15	22	32	35
M24	14	20	30	32.95

The **Nyloc nut** is an economic locking nut and ideal in applications where vibration or motion could loosen or undo the nut. The nut can also be used to assist sealing the bolt thread against seepage of oil, water, petrol, paraffin and other liquids.

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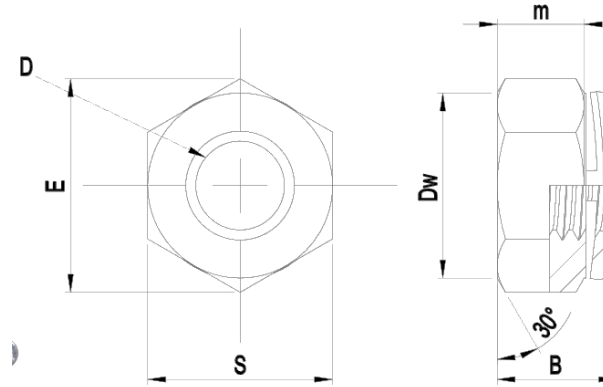
Aerotight Nuts



THREAD SIZE	PITCH mm	A/F MAX mm	N DIA. MAX. mm	H. MAX. mm	F. MIN. mm
M2.5	0.45	5.00	4.75	2.97	1.49
M3	0.50	5.50	5.25	3.52	1.89
M3.5	0.65	7.00	6.65	4.79	2.69
M4	0.70	7.00	6.65	4.79	2.69
M5	0.80	8.00	7.65	6.02	3.49
M6	1.00	10.0	9.58	7.95	4.63
M8	1.25	13.0	12.62	10.05	5.87
M10	1.50	17.0	16.53	12.03	7.62
M12	1.75	19.0	18.47	14.48	9.62
M16	2.00	24.0	23.47	18.75	12.62
M20	2.50	30.0	29.47	22.35	15.62
M24	3.00	36.0	35.18	26.85	18.62

AEROTIGHT Nut is an all metal stiff nut – No vulnerable inserts to be affected by heat or oil. They can be re-used many times – self locking function will still remain effective having been used a number of times. They will stay in position whether tightened down or not, provided the locking element is engaged – Does not have to achieve recommended torque to be effective. Steel and Austenitic Stainless Steel Aerotight nuts can be used up to a temperature of 300 degrees.

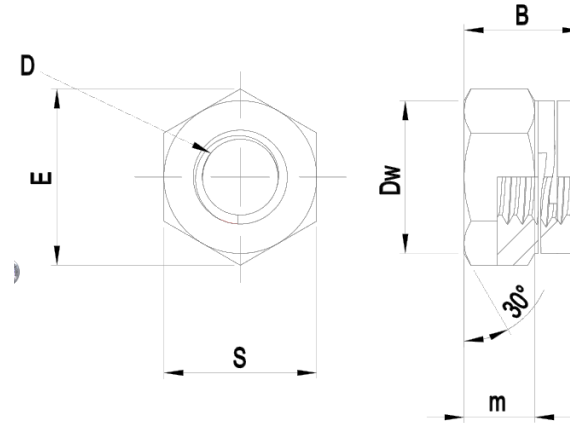
Philidas Industrial Nuts



DIAMETER (D)	PITCH mm	S	E (min)	M (nom)	B (nom)
M3	0.50	5.50	6.01	2.50	4.5
M4	0.70	7.00	7.66	3.30	5.4
M5	0.80	8.00	8.79	4.30	6.50
M6	1.00	10.0	11.05	5.00	7.50
M8	1.25	13.0	14.38	5.70	8.50
M10	1.50	17.0	18.90	8.00	11.00
M12	1.75	19.0	21.10	9.50	13.00
M16	2.00	24.0	26.75	12.80	17.00
M20	2.50	30.0	32.95	17.50	22.00
M24	3.00	36.0	39.55	19.50	25.00

Philidas nuts lock on a bolt in any position, designed to create the most convenient and practical fastening method for any industry or domestic application. Even in high performance environments where vibration may occur, our locking nuts are developed to stay in place. They also help reduce assembly time, use fewer components and are more cost effective than alternative methods.

Philidas Turret Nuts



DIAMETER (D)	PITCH mm	S	E (min)	M (nom)	B (nom)
M3	0.50	5.50	6.01	2.50	4.8
M4	0.70	7.00	7.66	3.30	5.6
M5	0.80	8.00	8.79	3.90	6.80
M6	1.00	10.0	11.05	5.00	8.50
M8	1.25	13.0	14.38	6.00	10.50
M10	1.50	17.0	18.90	7.60	13.00
M12	1.75	19.0	21.10	8.50	15.00
M16	2.00	24.0	26.75	12.00	19.50
M20	2.50	30.0	32.95	15.50	24.00
M24	3.00	36.0	39.55	19.00	29.00

Philidas nuts lock on a bolt in any position, designed to create the most convenient and practical fastening method for any industry or domestic application. Even in high performance environments where vibration may occur, our locking nuts are developed to stay in place. They also help reduce assembly time, use fewer components and are more cost effective than alternative methods.

Binx Nuts



<u>DIAMETER (D)</u>	<u>PITCH mm</u>	<u>A/F mm</u>	<u>HEIGHT mm</u>
M3	0.50	5.50	3.20
M4	0.70	7.00	3.20
M5	0.80	8.00	4.05
M6	1.00	10.0	6.00
M8	1.25	13.0	6.35
M10	1.50	17.0	7.85
M12	1.75	19.0	9.90
M16	2.00	24.0	12.95
M20	2.50	30.0	16.00
M24	3.00	36.0	18.80

Binx Nuts are Self-locking nuts that have a thread locking system that resists the screw reverse turning or backing off, the systems possess a thread interference deflected centre beam characteristic that resists loosening under vibration. They are referred to as 'prevailing torque nuts' or 'stiff nuts'.