Description: Filtec nut is a self-locking nut made by a self-locking helicoidal insert

within a nut, compliant to French standard E25 408.

Locking effect is given by the deformed coil of the self-locking Filtec.

Advantages: it replaces pins, nuts, elastic washers, adhesive.

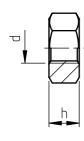
Suitable for dinamic load, vibrations, shocks.

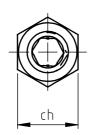
It keeps the self-locking feature also after several screw-unscrew

cycles (min 15 times guarantee).

Symmetrical, it can be screwed both sides. Resistant to high temperature (up to 600 ° C).

Ideal for engines applications.





code	d	pitch	h	ch
900 0 050	M 5	0,8	5	8
900 0 060	M 6	1	6	10
900 0 080	M 8	1,25	8	13
900 0 100	M 10	1,5	10	16
900 0 120	M 12	1,75	12	18
900 0 140	M 14	2	14	21
900 0 160	M 16	2	16	24

nominal diameter	braking torques Nm			
	1°spin max	1°unscrewing min.	5°unscrewing min.	
M 5	1,60	0,29	0,20	
M 6	3,00	0,45	0,30	
M 8	6,00	0,85	0,60	
M 10	10,5	1,50	1,00	
M 12	15,5	2,30	1,60	
M 14	24,0	3,30	2,30	
M 16	32,0	4,50	3,00	

Non binding dimensions, expressed in mm.

Standard

On demand

-- Not manufactured

code	Filtec nut		resistance to		
	nut	thread Filtec	temperature	corrosion	recommended use
13	zinc-plated steel class 8 (M12 class 6)	stainless steel X 10CrNi 1809	300°	medium	with steel screws or alloy steel
			125°	good	
		X 10CrNi 1809 lubricated dry	300°	medium	with screws stainless steel
			125°	good	
50	stainless steel	stainless steel X 10CrNi 1809	350°	excellent	with steel screws or alloy steel
	stainless steel AISI 303	X 10CrNi 1809 lubricated dry	350°	excellent	with screws stainless steel
60	stainless steel AISI 321	inconel X750 silver	600°	excellent	with screws stainless steel

Example:

self-locking nut Filtec 900 series stainless steel AISI 303, stainless steel thread Filtec X 10CrNi 1809, M6 thread: 900 0 060.50



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