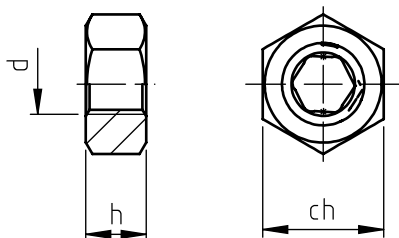


**Description:** Filtec nut is a self-locking nut made by a self-locking helicoidal insert within a nut, compliant to French standard E25 408.  
Locking effect is given by the deformed coil of the self-locking Filtec.

**Advantages:** it replaces pins, nuts, elastic washers, adhesive.  
Suitable for dynamic 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		recommended use
	nut	thread Filtec	temperature	corrosion	
___ __ __ __.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