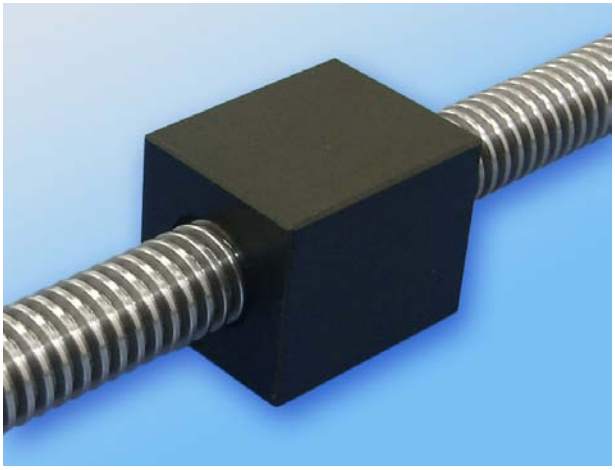
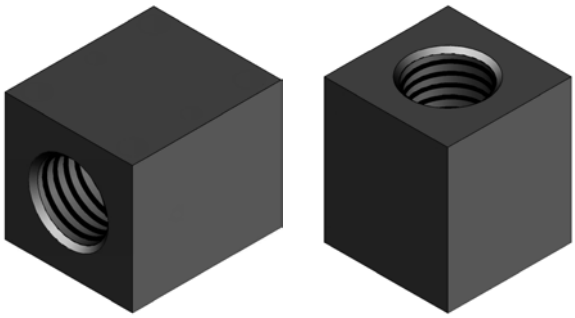
art.CQN

NYLON SQUARE NUTS TR10/40 in black polyacetal POM.C, FDA approved, (R70 N/mm^2)

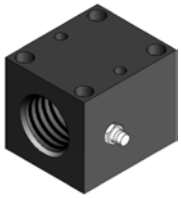
Material characteristics: we produce the nylon square nuts in techno polymeric material **POM.C polyacetal in accordance with FDA standards (also suitable for contact with food).** This material has a very low friction coefficient, good wear resistance, non-aggressiveness towards the screw (even if in aluminium alloy), **and the possibility of working without lubrification if necessary.** Please note however that in sectors having lubrification difficulties, for example the food industry, it is possible to use specific lubricants (as detailed in *Technical Catalogue GDM* - www.bimeccanica.it). **This type of nut (together with CFN and the CCN) is certainly amongst the most suited for high speed movements of about 20% better than bronze but of a load about 65% less than the similar item in brass** (from the Basic Theoretical Table on page 15 calculated with bronze nut, the load of CQN should be lowered by about 75%).
Given its square shape this product allows for easy application and excellent fastening options using hex cap socket bolts via through or threaded holes, with dowel centring/support and threaded hole for lubrification (if dowel holes are central then the lubrification hole is positioned off centre).
The above mentioned holes are normally made personally by the user, however upon specific request *Bimeccanica* can advise on the best use of holes and, if the quantity is sufficient, can also prepare them for the client (see examples below).



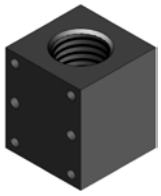


- **EXAMPLES OF ADDED HOLES:**

> **Version FP/L:** with through holes and lubricator (+ n.2 central holes per dowels or pins).



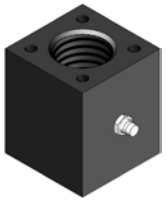




> **ON REQUEST:** with longitudinal in respect of the thread, with or without, lubricator.





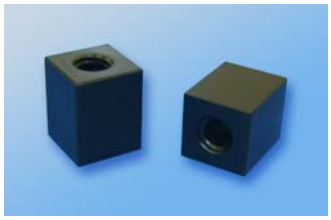


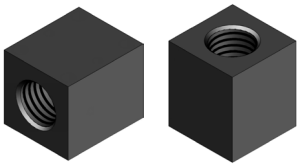
We can supply square nuts threaded ready to take the grease nipple laterally which normally, when there is no need for dowels or pins, is positioned centrally.

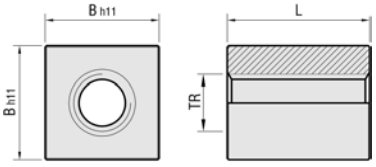
BEFORE DECIDING ON THE TYPE OF NUT TO USE, SEE DRIVE TRANSMISSION GROUPS = TECHNICAL CATALOGUE GDM (www.bimeccanica.it)

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art.CQN NYLON SQUARE NUTS TR10/40 in black polyacetal POM.C, FDA approved, (R70 N/mm²)







	TRAPEZOIDAL THREAD 7H	CODE	ARTICLE	B h11	L	NUMBER OF THREADS	Dm min. Ø AVERAGE mm	Dm max Ø AVERAGE mm	WEIGHT Kg	TURNS & LOADS max
RIGHT THREAD (7H)	* TR 10x2	MS102R	CQN TR 10x2 Dx	□ 25	30	15	9,00	9,25	0,025	SEE GENERAL PRODUCT GUIDE WITH BASIC THEORETICAL TABLE WITH REFENCE TO BRONZE PAGES. 14-17 (DYNAMIC LOAD = 1/4 OF BRONZE - SPEED +20% OF BRONZE)
	TR 10x3	MS103R	CQN TR 10x3 Dx	□ 25	30	10	8,50	8,78	0,025	
	TR 12x3	MS123R	CQN TR 12x3 Dx	□ 25	30	10	10,50	10,80	0,023	
	* TR 14x3	MS143R	CQN TR 14x3 Dx	□ 30	35	11,7	12,50	12,80	0,040	
	TR 14x4	MS144R	CQN TR 14x4 Dx	□ 30	35	8,8	12,00	12,35	0,040	
	TR 16x4	MS164R	CQN TR 16x4 Dx	□ 30	35	8,8	14,00	14,35	0,038	
	TR 18x4	MS184R	CQN TR 18x4 Dx	□ 35	45	11,3	16,00	16,35	0,065	
	TR 20x4	MS204R	CQN TR 20x4 Dx	□ 40	50	12,5	18,00	18,35	0,095	
	* TR 22x5	MS225R	CQN TR 22x5 Dx	□ 40	50	10	19,50	19,87	0,090	
	* TR 24x5	MS245R	CQN TR 24x5 Dx	□ 45	55	11	21,50	21,90	0,130	
	TR 25x5	MS255R	CQN TR 25x5 Dx	□ 45	55	11	22,50	22,90	0,125	
	* TR 26x5	MS265R	CQN TR 26x5 Dx	□ 45	55	11	23,50	23,90	0,130	
	* TR 28x5	MS285R	CQN TR 28x5 Dx	□ 50	60	12	25,50	25,90	0,165	
	TR 30x6	MS306R	CQN TR 30x6 Dx	□ 50	60	10	27,00	27,45	0,160	
	* TR 32x6	MS326R	CQN TR 32x6 Dx	□ 50	60	10	29,00	29,45	0,150	
	TR 35x6	MS356R	CQN TR 35x6 Dx	□ 60	70	11,7	32,00	32,45	0,275	
	TR 36x6	MS366R	CQN TR 36x6 Dx	□ 60	70	11,7	33,00	33,45	0,275	
	TR 40x7	MS407R	CQN TR 40x7 Dx	□ 60	70	10	36,50	36,97	0,255	
LEFT THREAD (7H)	* TR 10x2 Sx	MS102L	CQN TR 10x2 Sx	□ 25	30	15	9,00	9,25	0,025	
	TR 10x3 Sx	MS103L	CQN TR 10x3 Sx	□ 25	30	10	8,50	8,78	0,025	
	TR 12x3 Sx	MS123L	CQN TR 12x3 Sx	□ 25	30	10	10,50	10,80	0,023	
	* TR 14x3 Sx	MS143L	CQN TR 14x3 Sx	□ 30	35	11,7	12,50	12,80	0,040	
	TR 14x4 Sx	MS144L	CQN TR 14x4 Sx	□ 30	35	8,8	12,00	12,35	0,040	
	TR 16x4 Sx	MS164L	CQN TR 16x4 Sx	□ 30	35	8,8	14,00	14,35	0,038	
	TR 18x4 Sx	MS184L	CQN TR 18x4 Sx	□ 35	45	11,3	16,00	16,35	0,065	
	TR 20x4 Sx	MS204L	CQN TR 20x4 Sx	□ 40	50	12,5	18,00	18,35	0,095	
	* TR 22x5 Sx	MS225L	CQN TR 22x5 Sx	□ 40	50	10	19,50	19,87	0,090	
	* TR 24x5 Sx	MS245L	CQN TR 24x5 Sx	□ 45	55	11	21,50	21,90	0,130	
	TR 25x5 Sx	MS255L	CQN TR 25x5 Sx	□ 45	55	11	22,50	22,90	0,125	
	* TR 26x5 Sx	MS265L	CQN TR 26x5 Sx	□ 45	55	11	23,50	23,90	0,130	
	* TR 28x5 Sx	MS285L	CQN TR 28x5 Sx	□ 50	60	12	25,50	25,90	0,165	
	TR 30x6 Sx	MS306L	CQN TR 30x6 Sx	□ 50	60	10	27,00	27,45	0,160	
	* TR 32x6 Sx	MS326L	CQN TR 32x6 Sx	□ 50	60	10	29,00	29,45	0,150	
	TR 35x6 Sx	MS356L	CQN TR 35x6 Sx	□ 60	70	11,7	32,00	32,45	0,275	
	TR 36x6 Sx	MS366L	CQN TR 36x6 Sx	□ 60	70	11,7	33,00	33,45	0,275	
	TR 40x7 Sx	MS407L	CQN TR 40x7 Sx	□ 60	70	10	36,50	36,97	0,255	

- **WARNING: WITHOUT SPECIFYING "R" or "L" AT THE END OF THE CODE AND "Dx" or "Sx" AT THE END OF THE ARTICLE THE NUT IS ALWAYS CONSIDERED TO BE RIGHT THREAD.**

* The items marked with an asterisk are less used, we suggest contacting our offices to check availability.

> **ON REQUEST**: Nylon square nuts with **pitch, and external dimensions** different to those listed above.

> **ON REQUEST**: Nylon square nuts with **transversal or longitudinal fitting holes.**

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