



METAL INSERT LOCKING NUT

Metal Insert Locking Hex Nuts

Unit:mm

Nut body Material		Carbon Steel/Stainless Steel/Others										
Friction Ring Material		Stainless Steel										
Size	Pitch	Width Across Flats		Across Corners	Overall Height							
		Basic	Tolerance	Reference	Standard	Thin	Tolerance					
M3	0.5	5.5	+0 -0.2	6.4	3.0	4.3	±0.3					
M4	0.7	7		8.1	3.8							
M5	0.8	8		9.2	4.6							
M6	1.0	10		11.6	5.1							
M8	1.25	13	+0 -0.25	15.0	7.3	5.0	±0.4					
	1.0			13.9		6.5						
	1.25	12		8.3		8.5						
M10	1.5	17		19.6	8.3	6.5		±0.5				
	1.25	14		16.2								
	1.25	19		21.9					10.5			
M12	1.75	22		+0 -0.35	25.4	12.5		12.0	±0.5			
	1.25				27.7					14.5		
M14	2.0	24			25.4	14.5		12.0		±0.5		
	1.5				27.7						16.0	
	1.5		25.4		12.0							
M16	2.0	27	+0 -0.35		31.2	16.0	12.0	±0.6				
	1.5				27.7					17.5		
	1.5				34.6					19.5		
M18	2.5	30			+0 -0.4	37.0	19.5			12.0	±0.6	
	1.5					41.6						21.5
	1.5					27.7						24.0
M20	2.5	32				+0 -0.4	37.0			19.5		12.0
	1.5			41.6			21.5					
M22	2.5	36		+0 -0.4			47.3		24.0	12.0		±0.8
	1.5		53.1		27.0							
M24	3.0	41	47.3		24.0		12.0	±0.8				
M27	3.0	46	53.1		27.0		12.0	±0.8				
M30	3.5											

§ Besides metric threads(M), they are also available in left threads, over-size threads, whitworth threads(W) and unified inch threads(UN).

§ Custom-made specialty accepted.

§ Hsin Hung Machinery Corp. reserves the right to revise the dimensions without prior notice.