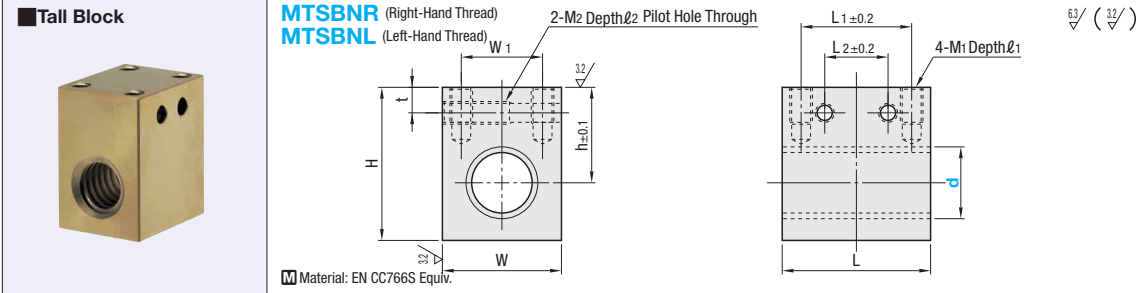


Block Nuts for Lead Screws

Tall Block / Wide Block / Lubrication-Free

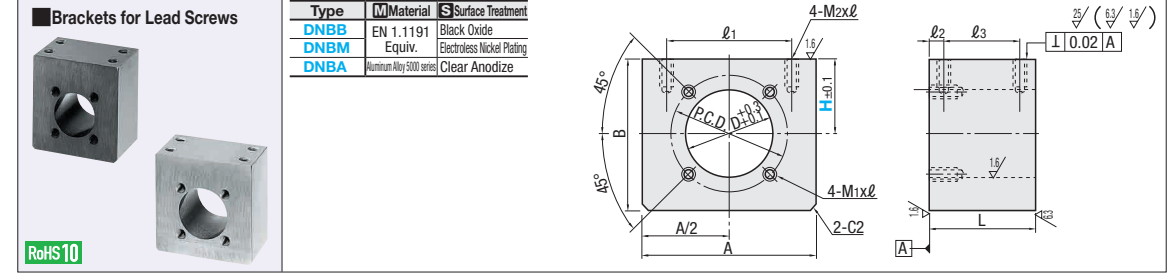
Can be used without a nut bracket. Reduces the time of designing and assembling the nuts.



Part Number Type	Pitch d	Pitch P	h	W	H	L	L1	L2	W1	M1	l1	M2	l2	t	Allowable Dynamic Thrust (kN)	Mass (g)	Unit Price		
																	MTSBNR	MTSBNL	
MTSBNR (Right-Hand Thread)	10	2	20	20	30	24	16	-	12	M4	8	-	-	6	2.55	100			
	12	2	20	20	30	24	16	-	12	M4	8	-	-	6	3.92	150			
	14	3	23	22	34	30	21	9	13	M5	10	M5	15	6	4.90	140			
	16	3	27	28	41	35	25	11	18	M5	10	M5	15	6	6.67	260			
MTSBNL (Left-Hand Thread)	20	4	29	32	45	40	30	16	22	M6	12	M6	18	7	8.72	380			
	22	4	29	32	45	40	30	16	22						9.81	360			
	25	5	30	36	48	50	40	20	26						12.36	580			
	28	5	30	36	48	50	40	20	26						14.22	540			
	28	5	30	36	48	50	40	20	26						20.05	1050			
	32	6	38	44	60	62	50	25	32						M8	16	M8	22	8

Ordering Example Part Number MTSBNR28

Brackets for Lead Screws / Spacers Plates for Wide Block



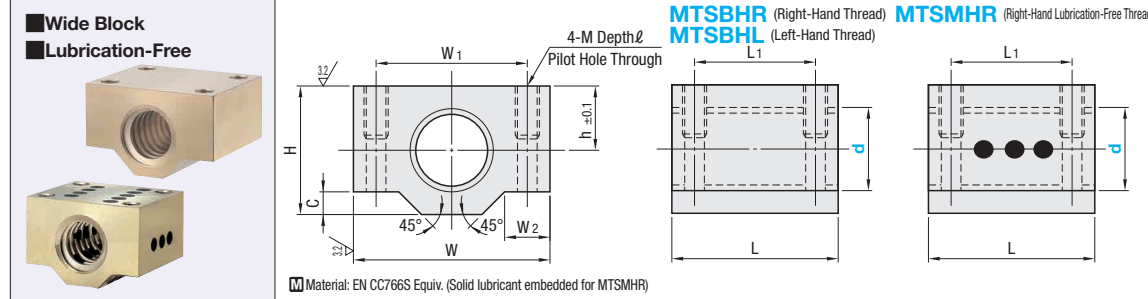
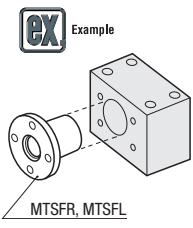
Part Number Type	No.	H					A	B	P.C.D.	M1x l1	D	l1	L	l2	l3	M2x l2	Applicable Nut			Unit Price		
		20	25	30	40	50											MTS	R, MTSFL	DNBB	DNBM	DNBA	
DNBB DNBM DNBA	264	20	25	30	40	40	H+20	26	M4x7	20	30	24	6	12	M4x8	10						
	315	23	25	30	40	50	H+23	31	M5x7	22	35	30	8	14	M5x10	12, 14						
	386	27	30	35	50	60	H+27	38	M6x7	28	45	34	10	18	M6x12	16						
	426	29	30	35	40	65	H+29	42	M6x10	32	50	39	8	23	M6x12	18, 20						
	476	32	35	40	50	70	H+32	47	M6x12	36	50	46	10	30	M6x12	22, 25						
	588	40	45	50	60	80	H+40	58	M8x12	44	60	48	12	32	M8x16	28, 32						
	668	43	45	50	60	86	H+43	66	M8x12	52	65	52	14	36	M8x16	36						
	7610	50	55	60	70	100	H+50	76	M10x14	58	75	60	16	40	M10x20	40						
	8510	58	60	70	70	116	H+58	85	M10x14	68	85	70	18	50	M10x20	50						

Please use Nut Bracket combined with Round Flanged Lead Screw Nut and Square Flanged Lead Screw Nut.

Ordering Example Part Number DNBB315 - H 30

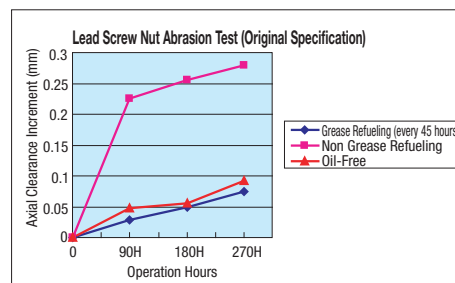
Alterations Part Number DNBB264 - H 25 - HC2.5

Alteration Code	Spec.
HC	H Dimension 0.1mm increment Ordering Code HC2.5



Part Number Type	Pitch d	Pitch P	h	W	H	L	L1	W1	W2	C	M	l	Allowable Dynamic Thrust (kN)	Mass (g)	Unit Price		
															MTSBHR	MTSBHL	MTSMHR
MTSBHR (Right-Hand Thread)	*10	2	10	30	20	24	16	20	8	4	M4	8	2.55	87			
	*12	2	11	38	22	30	20	26	10	5	M5	10	3.92	147			
MTSBHL (Left-Hand Thread)	*14	3	11	38	22	30	20	26	10	5	M5	10	4.90	140			
	*16	3	14	44	28	35	24	32	10	5	M5	10	6.67	267			
MTSMHR (Right-Hand Lubrication-Free Thread)	*18	4	16	48	32	40	28	36	11	6	M6	12	8.72	375			
	*20	4	16	48	32	40	28	36	11	6	M6	12	9.81	357			
	*22	5	20	62	38	50	34	46	14	10	M8	16	12.36	670			
	*25	5	20	62	38	50	34	46	14	10	M8	16	14.22	629			
	*28	5	25	68	47	56	40	52	14	10	M8	16	17.95	1041			
	*32	6	25	68	47	56	40	52	14	10	M8	16	21.08	970			

Ordering Example Part Number MTSMHR20

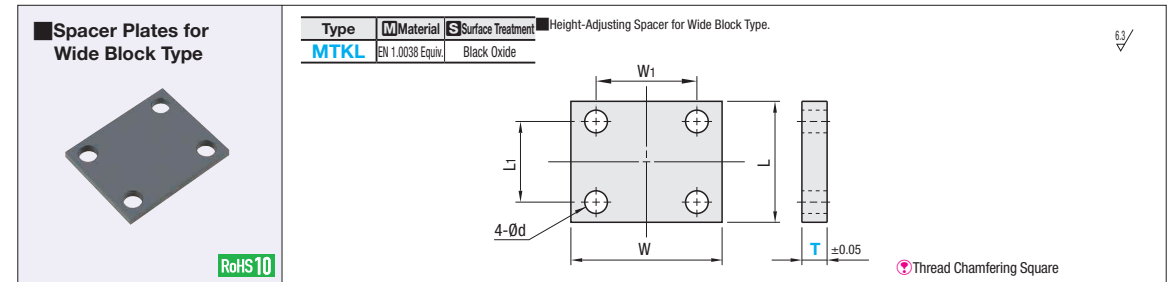


Features of Lubrication-Free Nut for Lead Screws

As can be seen from the test result shown to the right, MISUMI Lubrication-Free nuts can achieve performance equivalent of once per 45hrs. lubrication cycles.

After initial greasing, this realizes Lubrication-Free operation. It provides high performance especially under low-speed operation.

Test Conditions: Sample Screw Shaft: MTSRW10-270 Nut: MTSFR10, MTSMR10 (Lubrication-Free) Applied Load: 220N, Shaft Speed: 1500rpm



Part Number Type	No.	T 0.1mm increment	Applicable Lead Screw Nut					Unit Price					
			Type	I.D. d	W	L	W1	L1	d	T=2.5-2.9	T=3.0-4.9	T=5.0-6.9	T=7.0-9.0
MTKL	1	2.5-9.0	MTSBHR MTSBHL MTSMHR	10	30	24	20	16	4.5				
	2			12, 14	38	30	26	20	5.5				
	3			16	44	35	32	24	6.5				
	4			18, 20	48	40	36	28	6.5				
	5			22, 25	62	50	46	34	9				
	6			28, 32	68	56	52	40	9				

Ordering Example Part Number MTKL2 - T 3.5

