

# Square Post

Both Ends Tapped / One End Threaded One End Tapped

Side surfaces wider than those of hex posts are more convenient for mounting objects.

## Square Post



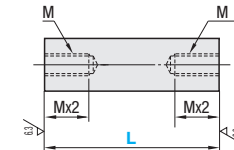
RoHS 10

L Dimension Tolerance  
 L 10~300 ±0.1  
 L 301~600 ±0.3  
 L 601~700 ±0.4  
 However, when L ≤ 200, and when the order volume at one time is less than 10 pcs., the processing is done simultaneously. The difference in L dimension in one order is within ±0.02.

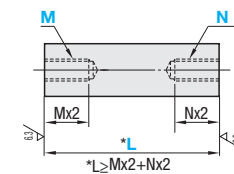
Type				Material	Surface Treatment
Both Ends Tapped	One End Threaded	One End Tapped	One End Tapped		
NLRFB	NLRBF	-	NLRGF	Steel for General Structure	-
LRFB	LRBFB	-	LRBGF		Black Oxide
PLRFB	PLRBF	PLRFG	PLRGF	SUS304	Electroless Nickel Plating
SLRFB	SLRBF	SLRFG	SLRGF		-

### Both Ends Tapped

L Dimension Configurable

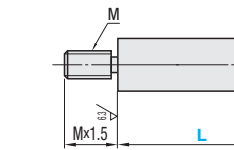


L Dimension, Thread Dia. Configurable

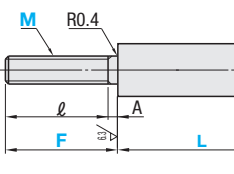


### One End Threaded One End Tapped

L Dimension Configurable



L Dimension, Thread Dia. Configurable



6.3 / (6.3 /)

Tapping may cause slight swelling of B dimension.  
 Centering hole may remain on the threaded end.

Anti-rust Oil is applied on SS400 products.

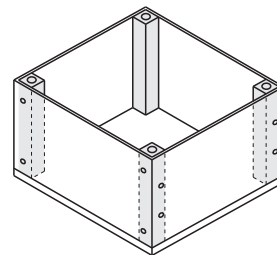
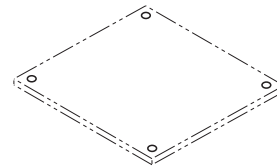
## Both Ends Tapped, L Dimension Configurable / One End Threaded One End Tapped, L Dimension Configurable

Part Number	L		M (Coarse)
	Type	1mm Increment	
Both Ends Tapped SS400 NLRFB LRFB PLRFB	8	10~150	M4
	10	15~300	M5
	12	25~400	M6
	15	30~400	M8
	20	40~400	M10
SUS304 SLRFB	25	50~400	M12
	30	60~400	M16



Example

Alteration WTP is used.



When L ≤ Mx4, tapped hole goes through. For One End Threaded One End Tapped Type, L ≥ Tapped Mx3+2.  
 When L ≤ Mx6, the pilot hole may go through.

## Both Ends Tapped, L Dimension & Thread Dia. Configurable

Part Number	Type	B	L		M (Coarse) / N (Coarse) Selection	
			1mm Increment	M (Coarse) / N (Coarse)		
Both Ends Tapped SS400 NLRFB LRBFB PLRFB	8	20~150	3	4 5		
	10	20~300		4 5 6		
	12	25~400		4 5 6 8		
	15	30~400		4 5 6 8		
	20	40~400		5 6 8 10 12		
SUS304 SLRFB	25	50~400		6 8 10 12 16		
	30	60~400		8 10 12 16		

L ≥ Mx2 + Nx2

## One End Threaded One End Tapped, L Dimension & Thread Dia. Configurable

Part Number	Type	B	L		M (Coarse) Selection		N (Coarse) Selection		ℓ
			1mm Increment	F	M (Coarse)	N (Coarse)			
One End Threaded One End Tapped SS400 NLRGF LRBGF PLRGF	8	10~150	8~25	4 5	3 4 5			ℓ = F - A (ℓmax = Mx5)	
	10	15~300	8~30	4 5 6	4 5 6				
	12	25~400	10~40	5 6 8	4 5 6 8				
	15	30~400	12~40	6 8 10	4 5 6 8				
	20	40~400	15~60	10 12	5 6 8 10 12				
SUS304 SLRGF	25	50~400	20~80	10 12 16	6 8 10 12 16				
	30	60~400	25~80	12 16 20	8 10 12 16				

For One End Threaded One End Tapped Type, L ≥ Tapped Nx3+2.

Ordering Example  
 Part Number - L - F - M - N  
 (Both Ends Tapped, L Dimension Configurable) NLRFB10 - 150  
 (Both Ends Tapped, L Dimension & Thread Dia. Configurable) SLRFB20 - 400 - M8 - N10  
 (One End Threaded One End Tapped, L Dimension & Thread Dia. Configurable) PLRGF15 - 350 - F32 - M8 - N6

## Both Ends Tapped, L Dimension Configurable

Part Number	Type	B	Unit Price			
			Min. L ~ 100	L101~200	L201~300	L301~400
SS400 NLRFB	8					
	10					
	12					
	15					
	20					
	25					
SS400 Black Oxide LRFB	8					
	10					
	12					
	15					
	20					
	25					
SS400 Electroless Nickel Plating PLRFB	8					
	10					
	12					
	15					
	20					
	25					
SUS304 SLRFB	8					
	10					
	12					
	15					
	20					
	25					

## One End Threaded One End Tapped, L Dimension Configurable

Part Number	Type	B	Unit Price			
			Min. L ~ 100	L101~200	L201~300	L301~400
SS400 Electroless Nickel Plating PLRFG	8					
	10					
	12					
	15					
	20					
	25					
SUS304 SLRFG	8					
	10					
	12					
	15					
	20					
	25					

## Both Ends Tapped, L Dimension & Thread Dia. Configurable

Part Number	Type	B	Unit Price			
			Min. L ~ 100	L101~200	L201~300	L301~400
SS400 NLRBF	8					
	10					
	12					
	15					
	20					
	25					
SS400 Black Oxide LRBFB	8					
	10					
	12					
	15					
	20					
	25					
SS400 Electroless Nickel Plating PLRBF	8					
	10					
	12					
	15					
	20					
	25					
SUS304 SLRBF	8					
	10					
	12					
	15					
	20					
	25					

## One End Threaded One End Tapped, L Dimension & Thread Dia. Configurable

Part Number	Type	B	Unit Price			
			Min. L ~ 100	L101~200	L201~300	L301~400
SS400 NLRGF	8					
	10					
	12					
	15					
	20					
	25					
SS400 Black Oxide LRBGF	8					
	10					
	12					
	15					
	20					
	25					
SS400 Electroless Nickel Plating PLRFG	8					
	10					
	12					
	15					
	20					
	25					
SUS304 SLRFG	8					
	10					
	12					
	15					
	20					
	25					

Alterations Part Number - L - M - N - (LKC, TP, WTP)  
 NLRFB8 - 150 - - - LKC  
 NLRBF20 - 400 - M8 - N10 - LKC  
 SLRBF15 - 100 - M5 - N6 - TP20-P20-WTP30-K30

Alterations	Code	Spec.
L Dimension Tolerance	LKC	L Dimension tolerances are as follows: Ordering Code LKC L L Tolerance 10~300 ±0.05 301~400 ±0.10

Alterations	Code	Spec.
Tapped Holes on Side	TP	Tapped hole machining provided on one side only. Tap Dia. MA (Tap Depth: MAx1.5) Ordering Code TP10-P10 Specify TP and P in 1mm increment. For Threaded Type, TP ≥ (2+MA/2); for Tapped Type, TP ≥ Mx2+MA/2. P ≤ L - TP - M(N)x2 - MA/2 When P=0, there will be one tapped hole.
Tapped Holes on 2 Sides	WTP	Adds side tapped holes at 90 degrees from TP. Tap Dia. NA (Tap Depth: NAx1.5) Ordering Code WTP10-K10 Specify WTP and K in 1mm increment. WTP ≥ (M(N)x2+NA/2) For one end threaded and one end tapped type K ≤ L - WTP - NA/2 - 2 For both ends tapped type K ≤ L - WTP - M(N)x2 - NA/2 When K=0, there will be one tapped hole. If specified at the TP location, tapped holes might interfere with each other. WTP is applied only when TP is used. For One End Threaded One End Tapped, the pitch order will be WTP to K from the tapped end.