

Knuckle Joints (Threaded / Tapped)

B Dimension Selectable Type

B Selectable Type		Material	Surface Treatment
Convex Type	Concave Type		
NJSB	NJTB	1045 Carbon Steel or Equivalent	Black Oxide
—	NJTM		Electroless Nickel Plating
NJSS	NJTS	304 Stainless Steel	—

ⓘ Thread depth ℓ : For M3-8, the thread depth is $\ell = M \times 1.5$.
For M10-18, the thread depth is $\ell = M \times 1$.

25 / (√6.3 / √1.6)

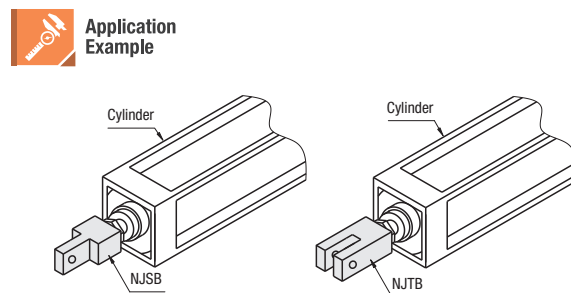
RoHS 10

B Selectable Type

Type	M-Pitch	B		D _{H7}	U	A	L	T	
		4	5						
Convex Type	3-0.5	4	5	4	10	26	20	10	
	4-0.7	5	6	5		31	25	12	
	5-0.8	4	6	8		8	43	35	16
	6-1.0	5	8	10		10	50	40	22
	8-1.0	6	10	15		12	62	50	25
Concave Type	10-1.25	8	10	20	20	67	55	28	
	12-1.25	8	10			69	55	28	
	12-1.5	10	12			—	—	—	
	14-1.5	10	12			—	—	—	
	16-1.5	12	14			—	—	—	

Part Number Example

Part Number	-	B
NJSB5-0.8	-	B6
NJTS8-1.25	-	B5



Knuckle Joints

Tapped / Configurable Type

Feature: Various Concave types are available.

Convex Type	Concave Type			Material	Surface Treatment
	Standard Type	Wide Type	Bolt Fixing Type		
FNNB	FNTB	FNTWB	FNTFB	1045 Carbon Steel or Equivalent	Black Oxide
FNNM	FNTM	FNTWM	—		Electroless Nickel Plating
FNNS	FNTS	FNTWS	—	304 Stainless Steel	—

25 / (√6.3 / √1.6)

ⓘ Thread depth ℓ : For M3-8, the thread depth is $\ell = M \times 1.5$.
For M10-18, the thread depth is $\ell = M \times 1$.

RoHS 10

Type	M-Pitch	D _{H7}	B 1 mm Increment				U 5 mm Increment	A	L	T	T ₁	T ₂	W	d	h	d ₁	K	e									
			Convex Type	Concave Type																							
				Standard Type	Wide Type	Bolt Fixing Type																					
Convex Type	*3-0.5	3 4 5	3-10	3-5	6-10	6-10	10-20	L+6	U+10	10	9	10	19	3.2	3.5	6.5	5	2.5									
	*4-0.7													4.2	4.5	8	6										
	*5-0.8													5.2	5.5	9.5	8	3.5									
	*6-1.0													6.2	6.5	11	10	4									
Standard Concave Type	8-1.0	5 6 8	5-16	5-8	9-16	—	15-30	L+8	U+20	16	16	—	32	—	—	—	—	—									
	*8-1.25													8.2	9	14	14	4									
	10-1.25													—	—	—	—	—									
	10-1.5													6 8 10	6-20	6-10	11-20	11-20	20	19	—	38	10.2	11	18	17	4
Wide Concave Type	12-1.25	8 10 12 13	8-22	8-11	12-22	—	20-30	L+10	U+25	22	22	—	44	—	—	—	—	—									
	12-1.5													—	—	—	—	—									
	14-1.5													10 12 13 14 15 16	10-25	10-13	14-25	—	—	—	—	—	—	—	—	—	
	16-1.5													—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bolt Fixing Concave Type	18-1.5	12 13 14 15 16 20	12-28	12-14	15-28	—	20-30	L+12	U+30	25	25	—	50	—	—	—	—	—									
	22-1.5													—	—	—	—	—	—	—	—	—	—	—	—		
	26-1.5													—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—													—	—	—	—	—	—	—	—	—	—	—	—	—	—

- ⓘ Bolt Fixing Concave Type (FNTFB) is only available for * marked sizes.
- ⓘ For Bolt Fixing Concave Type (FNTFB), when B<d, is specified, the knuckle joint shape is as the lower right picture shown above.
- ⓘ For M22-1.5 and M26-1.5, only Convex Type and Standard Concave Type are available.

Part Number Example

Part Number	-	D	-	B	-	U
FNNB8-1.0	-	D6	-	B8	-	U20
FNTWM6-1.0	-	D6	-	B9	-	U10