

# Knuckle Joints

Fixed / B Selectable

■ Features: T-Shaped/U-Shaped Type with Dimensions Fixed and Concave/Convex Type with B Dimension Selectable.

## Fixed



RoHS10

Fixed		No.	Material	Surface Treatment	Accessory
T-Shaped	U-Shaped				
RNJT	RNJTW	3A, 4A 1-4	SS400	Electroless Nickel Plating	Knuckle Pin: 1 pc. Retaining Ring: 2 pcs.
NJTSS	NJTWS	3A, 4A 1-6C	SUS304	-	
NJT	NJTW	5C, 6C	FCD400	Amino-alkyd Enamel and Varnish	

(T-Shaped)  
RNJT  
NJTSS

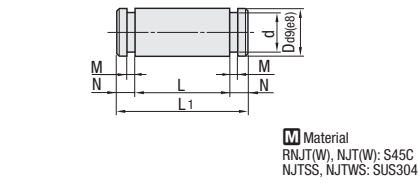
(T-Shaped)  
NJT

(U-Shaped)  
RNJTW  
NJTWS

(U-Shaped)  
NJTW

Part Number	Type	No.	A	ℓ	E	L	M × Pitch	(R)	U	D <sub>H10</sub>	B	C	L <sub>1</sub>	Applicable Cylinder I.D. (mm)	Unit Price			
															T-Shaped RNJT/NJT	U-Shaped RNJTW/NJTWS	NJTSS	NJTWS
RNJT NJTSS	1	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4	4	4	6	6	-	-	-	-
		4A	21.5	6	10	16	M4 × 0.7	7	7	5	5	5	10	10	-	-	-	-
	2	1	32	8	12	25	M6 × 1	8.5	11	8	8	6.4	12	12	-	-	-	-
		3	34	8.5	16	30	M8 × 1.25	11	11.5	8	8	8	16	16	-	-	-	-
NJT NJTSS	4	1	41	10.5	20	30	M10 × 1.25	14	14	10	10	10	20	20	-	-	-	-
		2	42	14	22	30	M14 × 1.5	12	14	10	10	18	32, 40	32, 40	-	-	-	-
	6C	1	56	18	28	40	M18 × 1.5	16	20	14	14	22	50, 63	50, 63	-	-	-	-
		2	56	18	28	40	M18 × 1.5	16	20	14	14	22	50, 63	50, 63	-	-	-	-
RNJTW NJTWS	1	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4	4	8	12	6	-	-	-	-
		4A	21.5	6	10	16	M4 × 0.7	7	7	5	5	10	14.6	12	-	-	-	-
	2	1	28	11	12	21	M6 × 1	8.5	10	8	6.5	12	16.6	16	-	-	-	-
		3	34	8.5	16	25	M8 × 1.25	11	11.5	8	8	16	21	20	-	-	-	-
NJTW NJTWS	4	1	41	10.5	20	30	M10 × 1.25	14	14	10	10	20	25.6	25	-	-	-	-
		2	42	16	22	30	M14 × 1.5	12	14	10	10	36	41.6	32, 40	-	-	-	-
	6C	1	56	20	28	40	M18 × 1.5	16	20	14	14	44	50.6	50, 63	-	-	-	-
		2	56	20	28	40	M18 × 1.5	16	20	14	14	44	50.6	50, 63	-	-	-	-

## Accessory



All Types

Material  
RNJT(W), NJT(W): S45C  
NJTSS, NJTWS: SUS304

No.	Applicable Cylinder I.D. (mm)	D <sub>a9</sub>	L <sub>1</sub>	d	L	N	M	Retaining Ring
3A	6	4	12	3.8	8.2	1.9	0.5	C Type for Shaft 4
4A	10	4	14.6	4.8	10.2	2.2	0.7	C Type for Shaft 5
1	12	5	16.6	4.8	12.2	2.4	0.9	C Type for Shaft 8
2	16	8	21	7.6	16.2	2.4	0.9	C Type for Shaft 8
3	20	8	25.6	9.6	20.2	2.7	1.15	C Type for Shaft 10
4	25	10	32.4	9.6	25.6	3.2	1.15	C Type for Shaft 10
5C	32, 40	14	41.6	13.4	36.2	3.2	1.15	C Type for Shaft 14
6C	50, 63	14	50.6	13.4	44.2	3.2	1.15	C Type for Shaft 14

⚠ Applicable Cylinder I.D. (mm) is an example for compact cylinders. In the selection, please also check M (diameter of a mounting screw).

⚠ Accessory tolerance of NJT (NJTW) 5C and 6C is D<sub>95</sub>(10<sup>-0.025</sup>, 14<sup>-0.032</sup>, 14<sup>-0.055</sup>).

Ordering Example  
Part Number  
RNJT2  
RNJTW3A  
NJT5C

## B Selectable



RoHS10

B Selectable Type	Material	Surface Treatment	Convex Type		Concave Type	
			Convex Type	Concave Type	Convex Type	Concave Type
NJSB	S45C	Black Oxide	NJTB	NJTB	NJTB	NJTB
-	Equivalent	Electroless Nickel Plating	NJTM	NJTM	NJTM	NJTM
NJSS	SUS304	-	NJTS	NJTS	NJTS	NJTS

⚠ Thread depth ℓ: For M3 ~ 8, the thread depth is ℓ=Mx1.5;  
for M10 ~ 18, the thread depth is ℓ=Mx1

Convex Type

Concave Type

Part Number	Type	M-Pitch	B Selection	D <sub>H7</sub>	U	A	L	T	Unit Price					
									Convex Type NJSB/NJSS	Concave Type NJTB/NJTM/NJTS	NJTB	NJTM	NJTS	
(Convex Type) NJSB NJSS	1	3-0.5	4, 5	4	10	26	20	10						
		4-0.7	5, 6	31		25								
		5-0.8	8	43		35								
		6-1.0	8	50		40								
		8-1.25	8	62		50								
(Concave Type) NJTB NJTM NJTS	1	10-1.25	6, 10	10	15	50	40	22						
		10-1.5	8, 10	62		50								
		12-1.25	10, 12	67		55								
		12-1.5	10, 12	69		55								
		14-1.5	10, 12	69		55								
		16-1.5	10, 12	69		55								

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