

# Knuckle Joints

## Fixed / B Selectable

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

**Fixed**

RoHS 10

Fixed		No.	Material	Surface Treatment	Accessory
T-Shaped	U-Shaped				
RNJT	RNJTW	3A, 4A 1-4	1018 Carbon Steel or Equivalent	Electroless Nickel Plating	Knuckle Pin: 1 pc. Retaining Ring: 2 pcs.
NJTSS	NJTWS	3A, 4A 1-6C	304 Stainless Steel	-	
NJT	NJTW	5C, 6C	60-40-18 Cast Iron	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	Dh10	B	C	L1	Applicable Cylinder I.D. (mm)	Unit Price			
														RNJT	NJTSS	RNJTW	NJTWS
RNJT	NJTSS	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4 <sup>+0.048</sup> <sub>0</sub>	4	-0.2	6	-	-	-	-
		4A	21.5	6	10	16	M4 × 0.7	7	7	5	5	-0.4	10	-	-	-	-
		1	32	8	12	25	M6 × 1	8.5	14	5	6.4	-0.1	12	-	-	-	-
		2	34	8.5	16	25	M8 × 1.25	11	11.5	8	8	-0.3	16	-	-	-	-
NJT	NJTSS	3	41	10.5	20	M10 × 1.25	14	14	10	10	-0.4	20	-	-	-	-	
		4	42	14	22	30	M14 × 1.5	12	14	10	18	-0.4	25	-	-	-	-
NJTSS	6C	5C	56	18	28	40	M18 × 1.5	16	20	14	18	-0.3	32, 40	-	-	-	-
		6C	56	18	28	40	M18 × 1.5	16	20	14	22	0.5	50, 63	-	-	-	-
RNJTW	NJTWS	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4 <sup>+0.048</sup> <sub>0</sub>	4	+0.4	6	-	-	-	-
		4A	21.5	6	10	16	M4 × 0.7	7	7	5	5	+0.2	10	-	-	-	-
		1	32	8	12	21	M6 × 1	8.5	10	5	6.5	+0.2	12	-	-	-	-
		2	34	8.5	16	25	M8 × 1.25	11	11.5	8	8	+0.4	16	-	-	-	-
NJTW	6C	3	41	10.5	20	M10 × 1.25	14	14	10	10	+0.2	20	-	-	-	-	-
		4	42	14	22	30	M14 × 1.5	12	14	10	18	+0.3	25, 6	-	-	-	-
NJTWS	6C	5C	56	18	28	40	M18 × 1.5	16	20	14	18	+0.3	36, 41.6, 32, 40	-	-	-	-
		6C	56	20	28	40	M18 × 1.5	16	20	14	22	+0.3	44, 50.6, 50, 63	-	-	-	-

① Applicable Cylinder I.D. (mm) is an example for compact cylinders. In the selection, please also check M (diameter of a mounting screw).  
② No.3A & 4A is not available for NJTSS.

**Part Number Example**

Part Number: **RNJT2**, **RNJTW3A**, **NJT5C**

**Accessory** All Types

**Material**  
RNJT(W), NJT(W): 1045 Carbon Steel or Equivalent  
NJTSS, NJTWS: 304 Stainless Steel

No.	Applicable Cylinder I.D. (mm)	Dø	L1	d	L	N	M	Retaining Ring
3A	6	-0.030	12	3.8	8.2	1.9	0.5	C Type for Shaft 4
4A	10	-0.060	16.6	4.8	10.2	2.2	0.7	C Type for Shaft 5
1	12	-0.030	14.6	4.8	12.2	2.2	0.7	C Type for Shaft 5
2	16	-0.060	16.6	4.8	12.2	2.2	0.7	C Type for Shaft 5
3	20	-0.040	21	7.6	16.2	2.4	0.9	C Type for Shaft 8
4	25	-0.076	25.6	9.6	20.2	2.7	1.15	C Type for Shaft 10
5C	32, 40	-0.076	41.6	9.6	36.2	2.7	1.15	C Type for Shaft 10
6C	50, 63	-0.093	50.6	13.4	44.2	3.2	1.15	C Type for Shaft 14

① Accessory tolerance of NJT (NJTW) 5C and 6C is Dø<sub>h</sub>(10<sup>-0.025</sup><sub>-0.047</sub>, 14<sup>-0.032</sup><sub>-0.055</sub>).

**Application Example**