

Knuckle Joints

Fixed / B Selectable

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

Fixed

Fixed		No.	Material	Surface Treatment	Accessory
T-Shaped	U-Shaped				
RNJT	RNJTW	3A, 4A 1-4	EN 1.0038 Equiv.	Electroless Nickel Plating	Knuckle Pin: 1 pc. Retaining Ring: 2 pcs.
NJTSS	NJTWS	3A, 4A 1-6C	EN 1.4301 Equiv.	-	
NJT	NJTW	5C, 6C	EN-JS 1040 Equiv.	Amino-alkyd Enamel and Varnish	

(T-Shaped)
RNJT
NJTSS

(T-Shaped)
NJT

(U-Shaped)
RNJTW
NJTWS

(U-Shaped)
NJTW

RoHS 10

Part Number	Type	No.	A	ℓ	E	L	M × Pitch	(R)	U	D _{H10}	B	C	L ₁	Applicable Cylinder I.D. (mm)	Unit Price			
															T-Shaped RNJT NJT	NJTSS	U-Shaped RNJTW NJTWS	NJTWS
RNJT NJTSS	1	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4 ^{+0.048} ₀	4 ^{-0.2} _{-0.4}	-	-	6	-	-	-	
		4A	21.5	6	10	16	M4 × 0.7	7	7	5 ^{+0.048} ₀	5 ^{-0.1} _{-0.3}	-	-	10	-	-	-	
	2	1	21.5	6	10	16	M5 × 0.8	7	7	5 ^{+0.048} ₀	5 ^{-0.1} _{-0.3}	-	-	12	-	-	-	
		2	32	8	12	25	M6 × 1	8.5	14	6.4 ^{+0.058} ₀	6.4 ^{-0.2} _{-0.4}	-	-	16	-	-	-	
NJT NJTSS	3	1	34	8.5	16	25	M8 × 1.25	11	11.5	8 ^{+0.058} ₀	8 ^{-0.2} _{-0.4}	-	-	20	-	-	-	
		2	41	10.5	20	30	M10 × 1.25	14	14	10 ^{+0.058} ₀	10 ^{-0.2} _{-0.4}	-	-	25	-	-	-	
	4	1	42	14	22	30	M14 × 1.5	12	12	14 ^{+0.058} ₀	14 ^{-0.2} _{-0.3}	-	-	32, 40	-	-	-	
		2	56	18	28	40	M18 × 1.5	16	20	14 ^{+0.070} ₀	14 ^{-0.3} _{-0.5}	-	-	50, 63	-	-	-	
RNJTW NJTWS	1	3A	18.5	5	8	14	M3 × 0.5	5.5	5	4 ^{+0.048} ₀	4 ^{+0.4} _{+0.2}	8	12	6	-	-	-	
		4A	21.5	6	10	16	M4 × 0.7	7	7	5 ^{+0.048} ₀	5 ^{+0.2} _{+0.4}	10	14.6	12	-	-	-	
	2	1	21.5	6	10	16	M5 × 0.8	7	7	5 ^{+0.048} ₀	5 ^{+0.2} _{+0.4}	12	16.6	16	-	-	-	
		2	28	11	12	21	M6 × 1	8.5	10	6.5 ^{+0.058} ₀	6.5 ^{+0.4} _{+0.2}	16	21	20	-	-	-	
NJTW NJTWS	3	1	34	8.5	16	25	M8 × 1.25	11	11.5	8 ^{+0.058} ₀	8 ^{+0.2} _{+0.4}	20	25.6	25	-	-	-	
		2	41	10.5	20	30	M10 × 1.25	14	14	10 ^{+0.058} ₀	10 ^{+0.5} _{+0.3}	36	41.6	32, 40	-	-	-	
	4	1	42	16	22	30	M14 × 1.5	12	12	14 ^{+0.058} ₀	14 ^{+0.5} _{+0.3}	44	50.6	50, 63	-	-	-	
		2	56	20	28	40	M18 × 1.5	16	20	14 ^{+0.070} ₀	14 ^{+0.5} _{+0.3}	44	50.6	50, 63	-	-	-	

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

Ordering Example

Part Number
RNJT2
RNJTW3A
NJT5C

Accessory All Types

Material
RNJT(W), NJT(W): EN 1.1191 Equiv.
NJTSS, NJTWS: EN 1.4301 Equiv.

No.	Applicable Cylinder I.D. (mm)	D _{a9}	L ₁	d	L	N	M	Retaining Ring
3A	6	4 ^{-0.030} _{-0.060}	12	3.8	8.2	1.9	0.5	C Type for Shaft 4
4A	10	5 ^{-0.030} _{-0.060}	14.6	4.8	10.2	2.2	0.7	C Type for Shaft 5
1	12	8 ^{-0.040} _{-0.070}	16.6	7.6	16.2	2.4	0.9	C Type for Shaft 8
2	16	10 ^{-0.040} _{-0.070}	21	9.6	20.2	2.7	1.15	C Type for Shaft 10
3	20	14 ^{-0.050} _{-0.093}	25.6	13.4	24.2	3.2	1.4	C Type for Shaft 14
4	25	14 ^{-0.050} _{-0.093}	32.4	13.4	32.2	3.2	1.4	C Type for Shaft 14
5C	32, 40	14 ^{-0.050} _{-0.093}	50.6	13.4	44.2	3.2	1.4	C Type for Shaft 14
6C	50, 63	14 ^{-0.050} _{-0.093}	50.6	13.4	44.2	3.2	1.4	C Type for Shaft 14

B Selectable

B Selectable Type	Material	Surface Treatment
Convex Type NJSB NJTB	EN 1.1191 Equiv.	Black Oxide
Concave Type NJSS NJTS	EN 1.4301 Equiv.	Electroless Nickel Plating

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

Part Number	Type	M-Pitch	B Selection	D _{H7}	U	A	L	T	Unit Price				
									Convex Type NJSB NJSS	Concave Type NJTB NJTM NJTS			
(Convex Type) NJSB NJSS	1	3-0.5	4, 5	4	10	26	20	10					
		4-0.7	5, 6										
	2	5-0.8	4, 6	5	31	25							
		6-1.0	5, 8	8	43	35							
(Concave Type) NJTB NJTM NJTS	1	10-1.25	6, 10	10	15	50	40	22					
		10-1.5	8, 10										
	2	12-1.25	10, 12	20	62	50	25	28					
		12-1.5	67										
	3	14-1.5	69										
		16-1.5											
18-1.5													

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