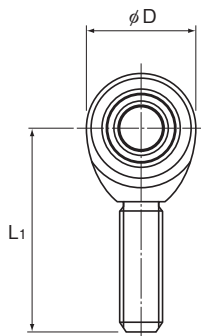


Model NOS-T (No Lubrication, Male Thread Type)



Model No.	Outer dimensions			Threaded S ₁ JIS Class 2	Holder Dimensions	
	Length L	Diameter D	Width B ₁ 0 -0.1		B +0.1 -0.4	L ₁
NOS 3T	33	12	6	M3×0.5	4.5	27
NOS 4T	37	14	7	M4×0.7	5.3	30
NOS 5T	41	16	8	M5×0.8	6	33
NOS 6T	45	18	9	M6×1	6.75	36
NOS 8T	53	22	12	M8×1.25	9	42
NOS 10T	61	26	14	M10×1.5	10.5	48
NOS 12T	69	30	16	M12×1.75	12	54
NOS 14T	77	34	19	M14×2	13.5	60
NOS 16T	85	38	21	M16×2	15	66
NOS 18T	93	42	23	M18×1.5	16.5	72
NOS 20T	101	46	25	M20×1.5	18	78
NOS 22T	109	50	28	M22×1.5	20	84

[Material]

Holder : S35C (Chromate treatment)
For NOS3T and NOS4T, S20C
Spherical inner ring : SUJ2, 58 HRC or higher
(Hard chrome plated except for the
inner surface of the inner ring)

Bush : Self-lubricating synthetic resin

[Fitting with the Shaft]

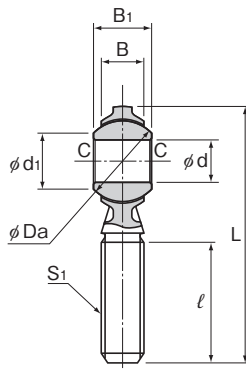
Condition	Dimensional tolerance of the shaft
Normal load	h7
Indeterminate load	p6

Model number coding

NOS10T L

Model number

Left-hand thread



Unit: mm

	Spherical inner ring dimensions				Permissible tilt angles			Static applied load Radial C _s N	Mass g	
	ℓ	d H7	Ball diameter Da mm (inch)	d _i	C	α ₁ °	α ₂ °			α ₃ °
15	3	3	9.525(³ / ₈)	7.4	0.3	8	10	42	1570	4.5
17	4	4	10.319(¹³ / ₃₂)	7.6	0.3	9	11	35	2250	7
20	5	5	11.112(⁷ / ₁₆)	7.7	0.3	8	13	30	3430	12.5
22	6	6	12.7(¹ / ₂)	9	0.3	8	13	30	4900	19
25	8	8	15.875(⁵ / ₈)	10.4	0.5	8	14	25	6860	32
29	10	10	19.05(³ / ₄)	12.9	0.5	8	14	25	9410	54
33	12	12	22.225(⁷ / ₈)	15.4	0.5	8	13	25	11000	85
36	14	14	25.4(1)	16.9	0.7	10	16	24	15200	126
40	16	16	28.575(¹ / ₈)	19.4	0.7	9	15	24	20200	185
44	18	18	31.75(¹ / ₄)	21.9	0.7	9	15	24	25200	260
47	20	20	34.925(³ / ₈)	24.4	0.7	9	15	24	27800	340
51	22	22	38.1(¹ / ₂)	25.8	0.7	10	15	23	35900	435

[Clearance]

Unit: mm

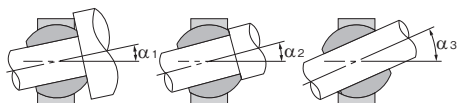
Radial clearance	0.035 or less
Axial clearance	0.1 or less

[Initial Lubrication]

This model can be used without lubrication. However, if desiring to provide initial lubrication, apply oil or grease to the spherical area.

[Identification of Left-hand Thread]

If the male thread is left-hand, symbol "L" is added.



Permissible Tilt Angles