

Cartridge-type Ball Screw Support Bearings

TAU

SERIES

Maintainability improved by integrating housing and outer ring

Easier to install

- No need for preloading adjustment
- Re-greasing when needed is possible through lubrication hole

Contributes to downsizing

- More compactness around the bearing housing is achieved

Uses high-performance seal

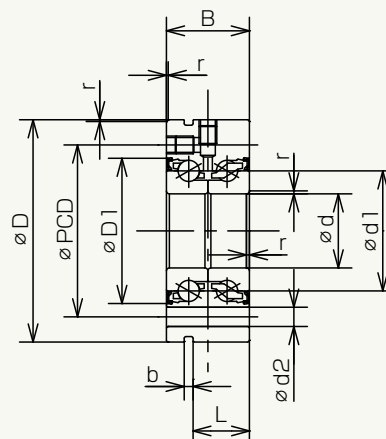
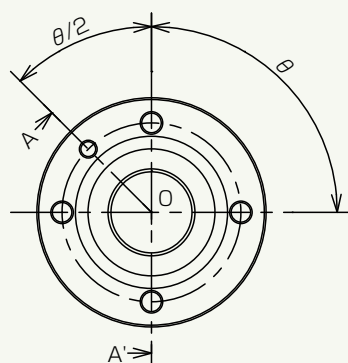
- Two types of configurations, non-contact type and contact type with high grade grease for better retention and contamination protection

Customized specifications supported

- Customized specifications supported, such as customized flanges, bolt holes in outer ring, and more according to customer needs



Configuration

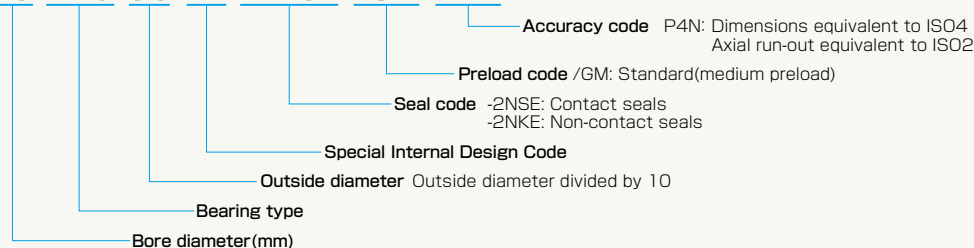


Cross section A-O-A'

Bearing No.	Basic dimensions (mm)				Installation dimensions (reference)					Basic dynamic load rating C_a (N)	Limiting Axial load (N)	Axial rigidity (N/ μ m)	Limiting speed (rpm)
	d	D	B	r (Minimum)	d1	D1	PCD	d2	$Z \times \theta$				
15TAU06F	15	60	25	0.6	27.4	35.8	46	6.8	3×120	19,000	20,000	400	7,000
17TAU06F	17	62	25	0.6	30.4	38.8	48	6.8	3×120	20,800	23,700	450	6,500
20TAU06F	20	68	28	0.6	32.9	42.0	53	6.8	4×90	26,000	29,900	650	5,800
25TAU07F	25	75	28	0.6	38.0	48.2	58	6.8	4×90	27,600	34,500	750	5,100
30TAU08F	30	80	28	0.6	43.0	53.2	63	6.8	6×60	29,200	39,500	850	4,600
30TAU10F	30	100	38	0.6	50.0	64.8	80	8.8	8×45	62,500	76,500	950	4,100
35TAU09F	35	90	34	0.6	51.5	63.3	75	8.8	4×90	42,000	58,500	900	3,900
40TAU10F	40	100	34	0.6	55.5	67.3	80	8.8	4×90	43,000	62,000	1,000	3,600
40TAU11F	40	115	46	0.6	63.7	81.4	94	8.8	12×30	81,000	107,000	1,200	3,200
50TAU11F	50	115	34	0.6	68.7	81.8	94	8.8	6×60	46,500	76,500	1,250	3,000
50TAU14F	50	140	54	0.6	77.7	97.8	113	11.0	12×30	113,000	159,000	1,400	2,600
60TAU14F	60	145	45	0.6	83.7	101.4	120	8.8	8×45	91,000	140,000	1,300	2,400

Configuration of Bearing Numbers

15 TAU 06 ** -2NSE /GM P4N



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