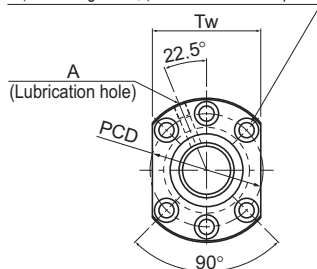


DK No Preload

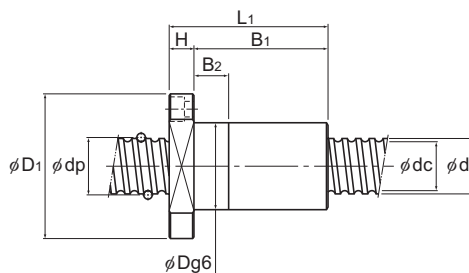
DN value	70,000
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6- ϕ d1 through hole, ϕ d2 counter bore depth h



Model No.	Screw shaft outer diameter d	Lead Ph	Ball center- to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows X turns	Basic load rating		Rigidity K N/ μ m
						Ca kN	C _{0a} kN	
DK 5010-3	50	10	51.75	44.4	3 × 1	33.9	90.7	470
DK 5010-4	50	10	51.75	44.4	4 × 1	43.4	120.5	610
DK 5010-6	50	10	51.75	44.4	6 × 1	62.7	186.8	930
DK 5012-3	50	12	52.25	43.3	3 × 1	45.8	113	490
DK 5012-4	50	12	52.25	43.3	4 × 1	58.6	150.6	640
DK 5016-3	50	16	52.25	43.3	3 × 1	45.7	113.3	490
DK 5016-4	50	16	52.25	43.3	4 × 1	58.5	151	640
DK 5020-3	50	20	52.25	43.6	3 × 1	44.2	108.8	470
DK 6310-4	63	10	64.75	57.7	4 × 1	49.5	160.7	780
DK 6310-6	63	10	64.75	57.7	6 × 1	70.3	242.1	1,140
DK 6312-3	63	12	65.25	56.3	3 × 1	51.9	147.4	600
DK 6312-4	63	12	65.25	56.3	4 × 1	66.4	196.6	785
DK 6320-3	63	20	65.7	55.9	3 × 1	83.5	229.3	1,470

Positioning Ball Screw



Unit: mm

	Nut dimensions										Screw shaft inertial moment/mm	Nut mass	Shaft mass	Permissible rotational speed
	Outer diameter	Flange diameter	Overall length	H	B ₁	B ₂	PCD	d ₁ ×d ₂ ×h	Tw	Lubrication hole				
	D	D ₁	L ₁	H	B ₁	B ₂	PCD	d ₁ ×d ₂ ×h	Tw	A				
	72	123	83	18	65	15	101	11×17.5×11	92	Rc1/8 (PT1/8)	4.82×10 ⁻⁶	2.14	13.38	1,350
	72	123	93	18	75	20	101	11×17.5×11	92		4.82×10 ⁻⁶	2.3	13.38	1,350
	72	123	114	18	96	30	101	11×17.5×11	92		4.82×10 ⁻⁶	2.65	13.38	1,350
	75	129	97	22	75	20	105	14×20×13	98		4.82×10 ⁻⁶	2.91	12.74	1,330
	75	129	110	22	88	25	105	14×20×13	98		4.82×10 ⁻⁶	3.16	12.74	1,330
	75	129	111	22	89	25	105	14×20×13	98		4.82×10 ⁻⁶	3.18	13.41	1,330
	75	129	129	22	107	30	105	14×20×13	98		4.82×10 ⁻⁶	3.52	13.41	1,330
	75	129	136	28	108	30	105	14×20×13	98		4.82×10 ⁻⁶	3.94	13.8	1,330
	85	146	97	22	75	20	122	14×20×13	110		1.21×10 ⁻⁵	3.28	21.93	1,080
	85	146	118	22	96	30	122	14×20×13	110		1.21×10 ⁻⁵	3.7	21.93	1,080
	90	146	98	22	76	20	122	14×20×13	110		1.21×10 ⁻⁵	3.71	21.14	1,070
	90	146	111	22	89	25	122	14×20×13	110		1.21×10 ⁻⁵	4.04	21.14	1,070
	95	159	136	28	108	30	129	18×26×17.5	121		1.21×10 ⁻⁵	6.17	21.57	1,060

Note: The overall length of the nut will increase when equipping the QZ Lubricator. See **A15-366** for further details.