



BLK1510~5050

Unit: mm

Nut dimensions					Lubrication hole			Seal	Axial clearance	Standard shaft length	Screw shaft inertial moment/ mm	Nut mass	Shaft mass	Permissible rotational speed
B_1	PCD	d_1	Tw	N_1	A	M_1	kg·m ² /mm							
10	25	3.4	20	—	—	—	0.1	—	—	3.16×10^{-9}	0.03	0.36	3,500	
13	32	4.5	25	—	—	—	0.1	—	—	7.71×10^{-9}	0.06	0.55	3,500	
24	45	5.5	40	5	M6	3.5	0.1	500, 1,000	3.90×10^{-8}	0.26	1.16	4,440		
21.5	42	4.5	38	5	M6	3.5	0.1	500, 1,000, 1,500	5.05×10^{-8}	0.21	1.35	4,200		
21.5	42	4.5	38	5	M6	3.5	0.1	500, 1,000, 1,500	5.05×10^{-8}	0.25	1.35	4,200		
27.5	50	5.5	46	5	M6	3.5	0.1	500, 1,000, 1,500	1.23×10^{-7}	0.35	2.18	3,370		
27.5	50	5.5	46	5	M6	3.5	0.1	500, 1,000, 1,500	1.23×10^{-7}	0.35	2.18	3,370		
35	60	6.6	56	6	M6	3.5	0.1	500, 1,000, 1,500, 2,000, 2,500	3.01×10^{-7}	0.64	3.41	2,690		
35	60	6.6	56	6	M6	3.5	0.1	500, 1,000, 1,500, 2,000, 2,500	3.01×10^{-7}	0.64	3.41	2,690		
45	74	9	68	7.5	M6	3.8	0.14	1,000, 1,500, 2,000, 2,500, 3,000	8.08×10^{-7}	1.14	5.69	2,100		
45	74	9	68	7.5	M6	3.8	0.14	1,000, 1,500, 2,000, 2,500, 3,000	8.08×10^{-7}	1.14	5.69	2,100		
45	90	11	80	8.5	M6	5	0.17	1,000, 1,500, 2,000, 2,500, 3,000	1.29×10^{-6}	1.74	7.09	1,850		
59	94	11	86	9	M6	5	0.17	1,000, 1,500, 2,000, 2,500, 3,000	1.29×10^{-6}	2.42	7.02	1,840		
50	85	11	76	8.5	M6	5	0.17	1,000, 1,500, 2,000, 2,500, 3,000	1.29×10^{-6}	1.74	7.12	1,870		
50	85	11	76	8.5	M6	5	0.17	1,000, 1,500, 2,000, 2,500, 3,000	1.29×10^{-6}	1.74	7.12	1,870		
56.5	93	11	84	8.5	M6	5.4	0.17	1,000, 1,500, 2,000, 2,500, 3,000, 4,000	1.97×10^{-6}	2.16	8.76	1,670		
56.5	93	11	84	8.5	M6	5.4	0.17	1,000, 1,500, 2,000, 2,500, 3,000, 4,000	1.97×10^{-6}	2.16	8.76	1,670		
72	112	14	104	10	M6	5.4	0.2	1,000, 1,500, 2,000, 3,000, 4,000	4.82×10^{-6}	3.89	13.79	1,340		
72	112	14	104	10	M6	5.4	0.2	1,000, 1,500, 2,000, 3,000, 4,000	4.82×10^{-6}	3.86	13.79	1,340		

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