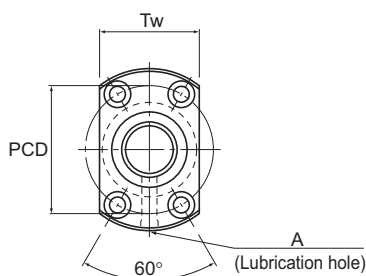


DIK With Preload

DN value	70000
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Model No.	Screw shaft outer diameter d	Lead Ph	Ball center- to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows × turns	Basic load rating		Rigidity K N/μm
						Ca kN	Coa kN	
DIK 1404-4	14	4	14.5	11.8	2 × 1	3	5.1	190
DIK 1404-6	14	4	14.5	11.8	3 × 1	4.2	7.7	280
DIK 1605-6	16	5	16.75	13.2	3 × 1	7.4	13	310
DIK 2004-6	20	4	20.5	17.8	3 × 1	5.2	11.6	380
DIK 2004-8	20	4	20.5	17.8	4 × 1	6.6	15.5	510
DIK 2005-6	20	5	20.75	17.2	3 × 1	8.5	17.3	310
DIK 2006-6	20	6	21	16.4	3 × 1	11.4	21.5	410
DIK 2008-4	20	8	21	16.4	2 × 1	8.1	14.4	280
DIK 2504-6	25	4	25.5	22.8	3 × 1	5.7	15	470
DIK 2504-8	25	4	25.5	22.8	4 × 1	7.4	19.9	620
DIK 2505-6	25	5	25.75	22.2	3 × 1	9.7	22.6	490
DIK 2506-4	25	6	26	21.4	2 × 1	9.1	18	330
DIK 2506-6	25	6	26	21.4	3 × 1	12.8	27	490
DIK 2508-4	25	8	26	21.4	2 × 1	9.2	18.8	340
DIK 2508-6	25	8	26	21.4	3 × 1	13.1	28.1	500
DIK 2510-4	25	10	26	21.6	2 × 1	9	18	330

A15-126 THK

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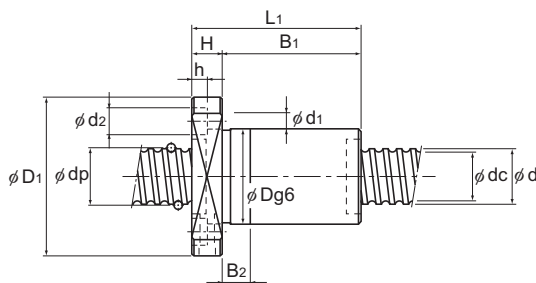
Košťany nad Turcom 543, 038 41 Košťany nad Turcom

Tel.: 0940 644 565

E-mail: lintech@hennlich.sk

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Positioning Ball Screw



Unit: mm

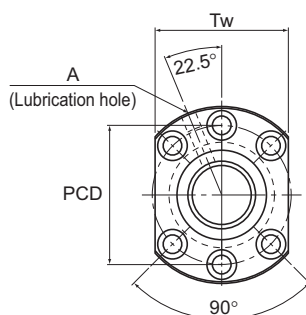
	Nut dimensions										Screw shaft inertial moment/mm kg·m ² /mm	Nut mass kg	Shaft mass kg/m
	Outer diameter D	Flange diameter D ₁	Overall length L ₁	H	B ₁	B ₂	PCD	d ₁ ×d ₂ ×h	Tw	Lubrication hole A			
	26	45	48	10	38	10	35	4.5×8×4.5	29	M6	2.96×10 ⁻⁸	0.2	1
	26	45	60	10	50	10	35	4.5×8×4.5	29	M6	2.96×10 ⁻⁸	0.23	1
	30	49	60	10	50	10	39	4.5×8×4.5	31	M6	5.05×10 ⁻⁸	0.3	1.25
	32	56	62	11	51	15	44	5.5×9.5×5.5	35	M6	1.23×10 ⁻⁷	0.34	2.18
	32	56	70	11	59	15	44	5.5×9.5×5.5	35	M6	1.23×10 ⁻⁷	0.37	2.18
	34	58	61	11	50	10	46	5.5×9.5×5.5	36	M6	1.23×10 ⁻⁷	0.38	2.06
	35	58	76	11	65	15	46	5.5×9.5×5.5	36	M6	1.23×10 ⁻⁷	0.48	1.93
	35	58	69	11	58	15	46	5.5×9.5×5.5	36	M6	1.23×10 ⁻⁷	0.45	2.06
	38	63	63	11	52	15	51	5.5×9.5×5.5	39	M6	3.01×10 ⁻⁷	0.43	3.5
	38	63	71	11	60	15	51	5.5×9.5×5.5	39	M6	3.01×10 ⁻⁷	0.47	3.5
	40	63	61	11	50	10	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.47	3.35
	40	63	60	11	49	10	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.46	3.19
	40	63	72	11	61	15	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.54	3.19
	40	63	71	12	59	15	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.54	3.35
	40	63	94	12	82	25	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.68	3.35
	40	63	85	15	70	20	51	5.5×9.5×5.5	41	M6	3.01×10 ⁻⁷	0.65	3.45

Note) The overall length of the nut will increase when equipping the QZ lubricating device. See **A15-336** for further details.

Options⇒ **A15-325****THK A15-127**

DIK With Preload

DN value	70000
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Model No.	Screw shaft outer diameter d	Lead Ph	Ball center- to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows × turns	Basic load rating		Rigidity K N/μm
						Ca kN	Coa kN	
DIK 2805-6	28	5	28.75	25.2	3 × 1	10.5	26.4	560
DIK 2805-8	28	5	28.75	25.2	4 × 1	13.4	35.2	730
DIK 2806-6	28	6	29	24.4	3 × 1	14	32	530
DIK 2810-4	28	10	29.25	23.6	2 × 1	12.3	25	380
DIK 3204-6	32	4	32.5	30.1	3 × 1	6.4	19.6	580
DIK 3204-8	32	4	32.5	30.1	4 × 1	8.2	26.1	760
DIK 3204-10	32	4	32.5	30.1	5 × 1	10	32.7	940
DIK 3205-6	32	5	32.75	29.2	3 × 1	11.1	30.2	620
DIK 3205-8	32	5	32.75	29.2	4 × 1	14.2	40.3	810
DIK 3206-6	32	6	33	28.4	3 × 1	14.9	37.1	630
DIK 3206-8	32	6	33	28.4	4 × 1	19.1	49.5	820
DIK 3210-6	32	10	33.75	26.4	3 × 1	25.7	52.2	600
DIK 3212-4	32	12	33.75	26.4	2 × 1	18.8	37	430
DIK 3610-6	36	10	37.75	30.5	3 × 1	28.8	63.8	710
DIK 3610-8	36	10	37.75	30.5	4 × 1	36.8	85	940
DIK 3610-10	36	10	37.75	30.5	5 × 1	44.6	106.3	1160

A15-128 THK

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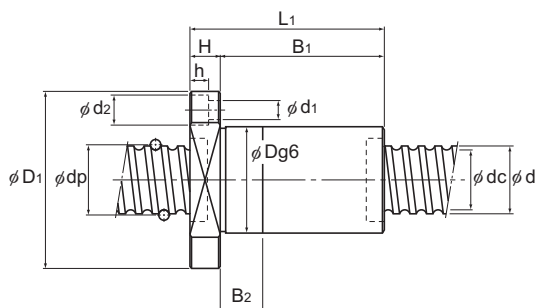
Košatny nad Turcom 543, 038 41 Košatny nad Turcom

Tel.: 0940 644 565

E-mail: lintech@hennlich.sk

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Positioning Ball Screw



Unit: mm

	Nut dimensions										Screw shaft inertial moment/mm kg·m ² /mm	Nut mass kg	Shaft mass kg/m
	Outer diameter D	Flange diameter D ₁	Overall length L ₁	H	B ₁	B ₂	PCD	d ₁ ×d ₂ ×h	Tw	Lubrication hole A			
	43	71	69	12	57	15	57	6.6×11×6.5	55	M6	4.74×10 ⁻⁷	0.61	4.27
	43	71	79	12	67	20	57	6.6×11×6.5	55	M6	4.74×10 ⁻⁷	0.68	4.27
	43	71	73	12	61	15	57	6.6×11×6.5	55	M6	4.74×10 ⁻⁷	0.64	4.36
	45	71	84	15	69	20	57	6.6×11×6.5	55	M6	4.74×10 ⁻⁷	0.82	4.18
	45	76	64	11	53	15	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.57	5.86
	45	76	72	11	61	15	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.62	5.86
	45	76	80	11	69	20	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.66	5.86
	46	76	62	12	50	10	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.6	5.67
	46	76	73	12	61	15	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.67	5.67
	48	76	73	12	61	15	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.74	6.31
	48	76	87	12	75	20	63	6.6×11×6.5	59	M6	8.08×10 ⁻⁷	0.85	6.31
	54	87	110	15	95	25	69	9×14×8.5	66	M6	8.08×10 ⁻⁷	1.57	4.98
	54	87	98	15	83	25	69	9×14×8.5	66	M6	8.08×10 ⁻⁷	1.43	5.2
	58	98	122	18	104	30	77	11×17.5×11	75	M6	1.29×10 ⁻⁶	2.03	6.51
	58	98	143	18	125	35	77	11×17.5×11	75	M6	1.29×10 ⁻⁶	2.3	6.51
	58	98	164	18	146	45	77	11×17.5×11	75	M6	1.29×10 ⁻⁶	2.57	6.51

Note) The overall length of the nut will increase when equipping the QZ lubricating device. See **A15-336** for further details.

Options⇒ **A15-325****THK A15-129****HENNlich s.r.o.**

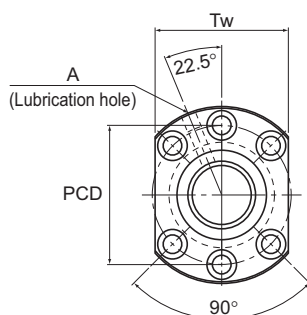
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Tel.: 0940 644 565**E-mail:** lintech@hennlich.sk

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DIK With Preload

DN value	70000
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Model No.	Screw shaft outer diameter d	Lead Ph	Ball center- to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows × turns	Basic load rating		Rigidity K N/μm
						Ca kN	Coa kN	
DIK 4010-6	40	10	41.75	34.7	3 × 1	29.8	69.3	750
DIK 4010-8	40	10	41.75	34.7	4 × 1	38.1	92.4	1000
DIK 4012-6	40	12	41.75	34.4	3 × 1	30.6	72.3	790
DIK 4012-8	40	12	41.75	34.4	4 × 1	39.2	96.4	1030
DIK 4016-4	40	16	41.75	34.4	2 × 1	21.5	68.4	540
DIK 5010-6	50	10	51.75	44.4	3 × 1	33.9	90.7	940
DIK 5010-8	50	10	51.75	44.4	4 × 1	43.4	120.5	1230
DIK 5010-10	50	10	51.75	44.4	5 × 1	52.5	150.9	1530
DIK 5012-6	50	12	52.25	43.3	3 × 1	45.8	113	970
DIK 5012-8	50	12	52.25	43.3	4 × 1	58.6	150.6	1270
DIK 5016-4	50	16	52.25	43.3	2 × 1	32.3	75.5	660
DIK 5016-6	50	16	52.25	43.3	3 × 1	45.7	113.3	970
DIK 6310-8	63	10	64.75	57.7	4 × 1	49.5	160.7	1550
DIK 6312-6	63	12	65.25	56.3	3 × 1	51.9	147.4	1200
DIK 6312-8	63	12	65.25	56.3	4 × 1	66.4	196.6	1570

A15-130 THK

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