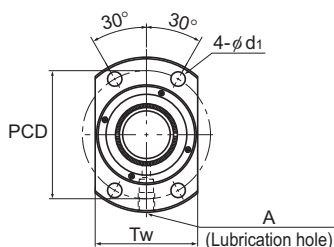


WTF No Preload

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 X turns	Basic load rating		Rigidity K				
						Ca	C _{0a}		Outer diameter D	Flange diameter D ₁	Overall length L ₁	H
WTF 1520-3	15	20	15.75	12.5	2X1.5	5.5	14.2	140	32	53	45	10
WTF 1520-6	15	20	15.75	12.5	4X1.5	10.1	28.5	280	32	53	45	10
WTF 1530-2	15	30	15.75	12.5	4X0.6	4.3	9.3	120	32	53	33	10
WTF 1530-3	15	30	15.75	12.5	2X1.6	5.6	12.4	160	32	53	63	10
WTF 2040-2	20	40	20.75	17.5	4X0.65	5.4	13.6	160	37	57	41.5	10
WTF 2040-3	20	40	20.75	17.5	2X1.65	6.6	17.2	200	37	57	81.5	10
WTF 2550-2	25	50	26	21.9	4X0.65	8.5	21.2	200	45	69	52	12
WTF 2550-3	25	50	26	21.9	2X1.65	10.4	26.9	260	45	69	102	12
WTF 3060-2	30	60	31.25	26.4	4X0.65	11.8	30.6	240	55	89	62.5	15
WTF 3060-3	30	60	31.25	26.4	2X1.65	14.5	38.9	310	55	89	122.5	15
WTF 4080-2	40	80	41.75	35.2	4X0.65	19.8	54.5	320	73	114	79	17
WTF 4080-3	40	80	41.75	35.2	2X1.65	24.3	69.2	400	73	114	159	17
WTF 50100-2	50	100	52.2	44.1	4X0.65	29.6	85.2	390	90	135	98	20
WTF 50100-3	50	100	52.2	44.1	2X1.65	36.3	108.1	500	90	135	198	20

Model number coding

WTF3060-3 ZZ +1500L C7 T H1K

Model No.	Contamination protection accessory symbol (*1)	Overall screw shaft length (in mm)	Symbol for rolled shaft	Accuracy symbol (*2)	Recommended shaft ends shape code
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(*1) See **A15-326**. (*2) See **A15-12**.



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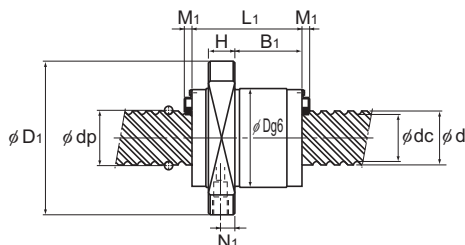
www.hennlich.sk

A15-244 THK

Download data by searching for the corresponding model number on the Technical Support site.

<https://tech.thk.com>

Transport Ball Screw



Unit: mm

Nut dimensions								Axial clearance	Standard shaft length	Screw shaft inertial moment	Nut mass	Shaft mass
	B ₁	PCD	d ₁	Tw	Lubrication hole		Seal					
					N ₁	A	M ₁			kg·m ² /mm	kg	kg/m
	28	43	5.5	33	5	M6	3.5	0.1	500, 1000	3.90×10 ⁻⁸	0.2	1.17
	28	43	5.5	33	5	M6	3.5	0.1	500, 1000	3.90×10 ⁻⁸	0.2	1.17
	17	43	5.5	33	5	M6	3.5	0.1	500, 1000, 1500	3.90×10 ⁻⁸	0.22	1.19
	47	43	5.5	33	5	M6	3.5	0.1	500, 1000, 1500	3.90×10 ⁻⁸	0.4	1.19
	25.5	47	5.5	38	5.5	M6	3.5	0.1	500, 1000, 1500, 2000	1.23×10 ⁻⁷	0.25	2.12
	65.5	47	5.5	38	5.5	M6	3.5	0.1	500, 1000, 1500, 2000	1.23×10 ⁻⁷	0.5	2.12
	31.5	57	6.6	46	7	M6	3.5	0.1	1000, 1500, 2000, 3000	3.01×10 ⁻⁷	0.45	3.34
	81.5	57	6.6	46	7	M6	3.5	0.1	1000, 1500, 2000, 3000	3.01×10 ⁻⁷	0.85	3.34
	37.5	71	9	56	9	M6	3.8	0.14	1000, 2000, 3000, 4000	6.24×10 ⁻⁷	0.8	4.84
	97.5	71	9	56	9	M6	3.8	0.14	1000, 2000, 3000, 4000	6.24×10 ⁻⁷	1.7	4.84
	50.5	93	11	74	9	M6	5.4	0.17	1000, 1500, 2000, 3000	1.97×10 ⁻⁶	2.1	8.66
	130.5	93	11	74	9	M6	5.4	0.17	1000, 1500, 2000, 3000	1.97×10 ⁻⁶	3.67	8.66
	64	112	14	92	10	M6	5.4	0.2	1500, 3000	4.82×10 ⁻⁶	3.5	13.86
	164	112	14	92	10	M6	5.4	0.2	1500, 3000	4.82×10 ⁻⁶	6.4	13.86

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

Ball Screw



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Options⇒ **A15-325**

THK A15-245