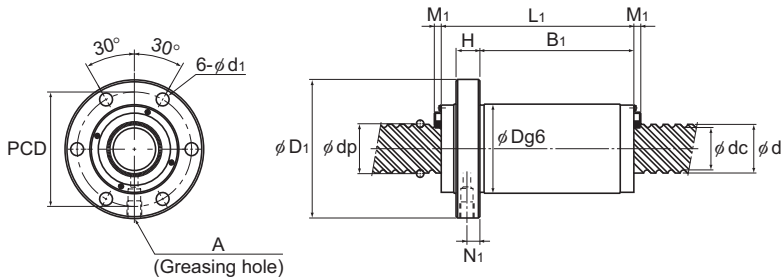


CNF No Preload

DN value	70000
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Unit: mm

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	Nut dimensions				
						Ca kN	C _{0a} kN		Outer diameter D	Flange diameter D ₁	Overall length L ₁	H	B ₁
CNF 1530-6	15	30	15.75	12.5	4×1.6	10.1	24.7	310	32	53	63	10	47
CNF 2040-6	20	40	20.75	17.5	4×1.65	12	34.4	400	37	57	81	10	65
CNF 2550-6	25	50	26	21.9	4×1.65	18.9	53.9	460	45	69	102	12	81.5
CNF 3060-6	30	60	31.25	26.4	4×1.65	26.2	77.7	600	55	89	122	15	97

Model No.	Nut dimensions					Axial clearance	Standard shaft length	Screw shaft inertial moment kg·m ² /mm	Nut mass kg	Shaft mass kg/m
	PCD	d ₁	Greasing hole		Seal					
CNF 1530-6	43	5.5	5	M6	3.5	0.1	500, 1000, 1500	3.90 × 10 ⁻⁸	0.42	1.19
CNF 2040-6	47	5.5	5.5	M6	3.5	0.1	500, 1000, 1500, 2000	1.23 × 10 ⁻⁸	0.5	2.12
CNF 2550-6	57	6.6	7	M6	3.5	0.1	1000, 1500, 2000, 3000	3.01 × 10 ⁻⁷	0.85	3.34
CNF 3060-6	71	9	9	M6	3.8	0.14	1000, 2000, 3000, 4000	6.24 × 10 ⁻⁷	1.7	4.84

Note) The overall length of the nut will increase when equipping the QZ lubricating device. See **A15-318** for further details.

Model number coding

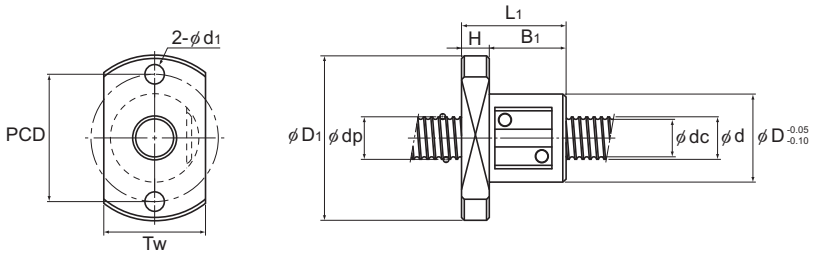
CNF2040-6 ZZ +1500L C7 T H1K

Model No.	Contamination protection accessory symbol (*1)	Overall screw shaft length (in mm)	Accuracy symbol (*2)	Symbol for rolled shaft	Recommended shaft ends shape code
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(*1) See **A15-308**. (*2) See **A15-12**.

MTF No Preload

DN value	50000
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Unit: mm

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	Nut dimensions		
						Ca kN	C _{0a} kN		Outer diameter D	Flange diameter D ₁	Overall length L ₁
MTF 0601-3.7	6	1	6.15	5.3	1×3.7	0.7	1.2	70	13	30	21
MTF 0802-3.7	8	2	8.3	6.6	1×3.7	2.1	3.8	90	20	40	28
MTF 1002-3.7	10	2	10.3	8.6	1×3.7	2.3	4.8	110	23	43	28
MTF 1202-3.7	12	2	12.3	10.6	1×3.7	2.5	5.8	130	25	47	30

Model No.	Nut dimensions					Axial clearance	Standard shaft length	Screw shaft inertial moment kg·m ² /mm	Nut mass kg	Shaft mass kg/m
	H	B ₁	PCD	d ₁	Tw					
MTF 0601-3.7	5	16	21.5	3.4	17	0.05	150, 250	9.99×10 ⁻¹⁰	0.03	0.19
MTF 0802-3.7	6	22	30	4.5	24	0.05	150, 250	3.16×10 ⁻⁹	0.08	0.31
MTF 1002-3.7	6	22	33	4.5	27	0.05	200, 300	7.71×10 ⁻⁹	0.1	0.52
MTF 1202-3.7	8	22	36	5.5	29	0.05	200, 300	1.60×10 ⁻⁸	0.13	0.77

Note) Model MTF cannot be attached with seal.

For the Model MTF, nuts are processed with AP-C Treatment as standard. For details, see **B0-20**.

Model MTF is only sold as sets (ball screw nut and screw shaft).

Model MTF is applied only with anti-rust oil.

Model number coding

MTF 0802-3.7 +250L C7 T

Model No.

Overall screw shaft length (in mm)

Symbol for rolled shaft

Accuracy code: (No code for Normal Grade)