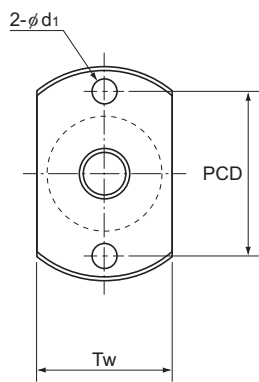


MTF (Unfinished Shaft Ends) No Preload

DN value	50,000
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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	C0a kN		Outer diameter D	Flange diameter D1
MTF 0601-3.7	6	1	6.15	5.3	1×3.7	0.7	1.2	70	13	30
MTF 0802-3.7	8	2	8.3	6.6	1×3.7	2.1	3.8	90	20	40
MTF 1002-3.7	10	2	10.3	8.6	1×3.7	2.3	4.8	110	23	43
MTF 1202-3.7	12	2	12.3	10.6	1×3.7	2.5	5.8	130	25	47

Model number coding

MTF 08 02 -3.7 +250L C7 T

Model No.

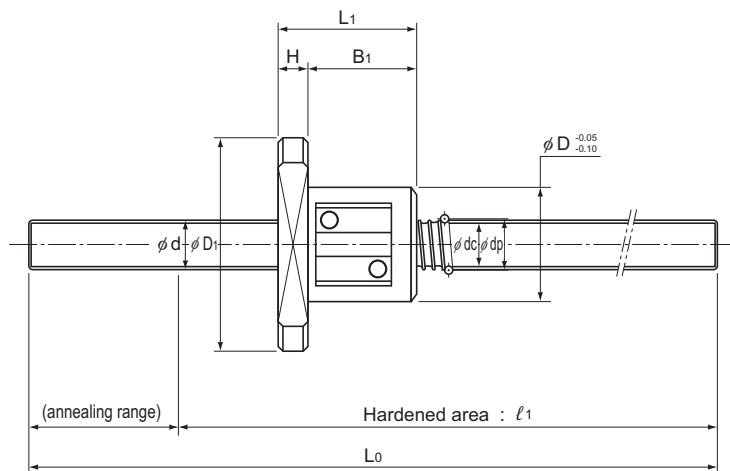
Screw shaft outer diameter (in mm)

Lead (in mm)

Overall shaft length (in mm)

Symbol for ball screw shaft

Accuracy symbol (No symbol for Normal Grade)



Unit: mm

Nut dimensions							Axial clearance	Standard shaft length	ℓ_1	Screw shaft inertial moment/ mm kg·m²/mm	Nut mass kg	Shaft mass kg/m	Permissible rotational speed min ⁻¹
	Overall length L ₁	H	B ₁	PCD	d _i	T _w							
	21	5	16	21.5	3.4	17	0.05	150	100	9.99×10 ⁻¹⁰	0.03	0.19	3,500
								250	200				
	28	6	22	30	4.5	24	0.05	150	95	3.16×10 ⁻⁹	0.08	0.31	3,500
								250	195				
	28	6	22	33	4.5	27	0.05	200	140	7.71×10 ⁻⁹	0.1	0.52	3,500
								300	240				
	30	8	22	36	5.5	29	0.05	200	140	1.6×10 ⁻⁸	0.13	0.77	3,500
								300	240				