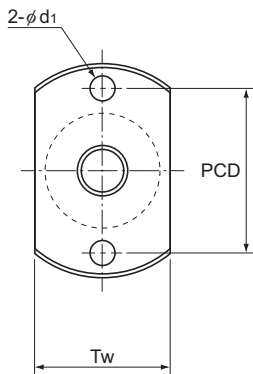


MTF (Unfinished Shaft Ends) No Preload

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	Cca kN		Outer diameter D	Flange diameter D ₁
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

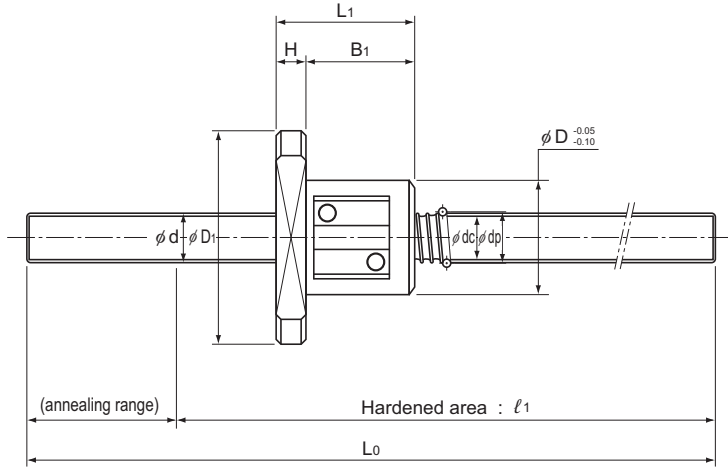
Model number coding

MTF 08 02 -3.7 +250L C7 T

Model No.	Lead (in mm)	Overall shaft length (in mm)	Symbol for ball screw shaft
Screw shaft outer diameter (in mm)	Lead (in mm)		Accuracy symbol (No symbol for Normal Grade)

Notes: Model MTF is only sold as a set (ball screw nut and screw shaft).
Model MTF has only anti-rust oil applied.

Transport Ball Screw



Unit: mm

Nut dimensions							Axial clearance	Standard shaft length	l_1	Screw shaft inertial moment/ mm kg·m ² /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					

Ball Screw