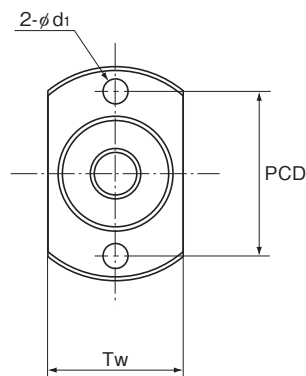


MTF (Unfinished Shaft Ends) No Preload

DN value	50000
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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 N/μm		
						Ca kN	Cda 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.

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)

Note) Model MTF is only sold as sets (ball screw nut and screw shaft).
Model MTF is applied only with anti-rust oil.



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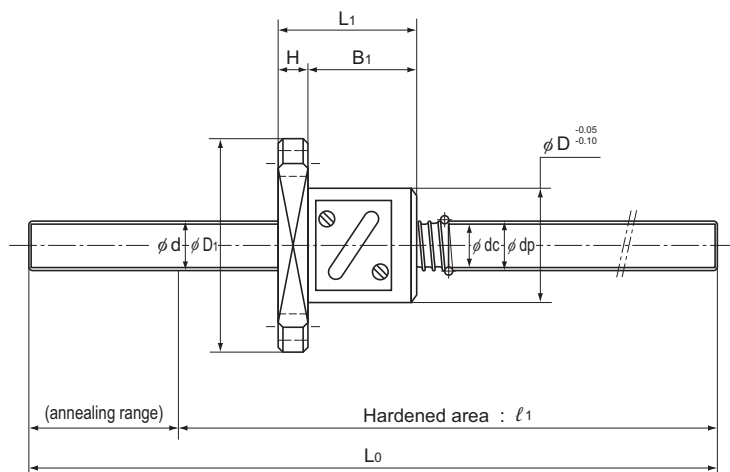
Košany nad Turcom 543, 038 41 Košany nad Turcom

Tel.: 0940 644 565

E-mail: linte@hennlich.sk

www.hennlich.sk

Transport Ball Screw



Unit: mm

Nut dimensions							Axial clearance	Standard shaft length	ℓ_1	Screw shaft inertial moment	Nut mass	Shaft mass
Overall length	H	B ₁	PCD	d _i	T _w	kg·m ² /mm						
	21	5	16	21.5	3.4	17	0.05	150	100	9.99×10 ⁻¹⁰	0.03	0.19
								250	200			
	28	6	22	30	4.5	24	0.05	150	95	3.16×10 ⁻⁹	0.08	0.31
								250	195			
	28	6	22	33	4.5	27	0.05	200	140	7.71×10 ⁻⁹	0.1	0.52
								300	240			
	30	8	22	36	5.5	29	0.05	200	140	1.6×10 ⁻⁸	0.13	0.77
								300	240			

Ball Screw

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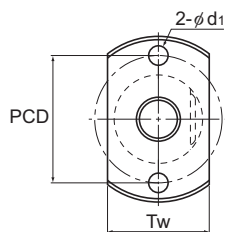
Tel.: 0940 644 565

E-mail: lintech@hennlich.skwww.hennlich.skOptions⇒ **A15-325****THK A15-249**

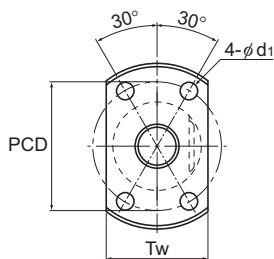
MTF No Preload

DN value

50000



Nut type I



Nut type II

Model No.	Screw shaft outer diameter	Lead	Ball center- to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Rigidity			
						Ca	C _{0a}		K	Outer diameter	Flange diameter
	d	Ph	dp	dc	Rows X turns	kN	kN	N/μm	D	D ₁	L ₁
* MTF 0601-3.7	6	1	6.15	5.3	1×3.7	0.7	1.2	70	13	30	21
MTF 0801-3.7	8	1	8.15	7.3	1×3.7	0.78	1.65	95	16	29	17
* MTF 0802-3.7	8	2	8.3	6.6	1×3.7	2.1	3.8	90	20	40	28
MTF 0805-2.7	8	5	8.3	6.6	1×2.7	1.85	3	82	18	31	28
* MTF 1002-3.7	10	2	10.3	8.6	1×3.7	2.3	4.8	110	23	43	28
MTF 1004-2.7	10	4	10.3	8.2	1×2.7	3	5.2	104	24	41	28
* MTF 1202-3.7	12	2	12.3	10.6	1×3.7	2.5	5.8	130	25	47	30
MTF 1402-3.7	14	2	14.3	12.6	1×3.7	3.2	7.5	176	26	45	25

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)



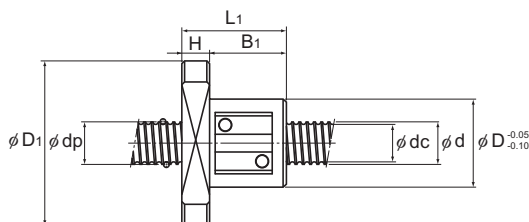
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Transport Ball Screw



Unit: mm

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 _i	Tw	Nut type					
	5	16	21.5	3.4	17	I	0.05	150, 250	9.99×10^{-10}	0.03	0.19
	4	13	23	3.4	18	II	0.05	—	3.16×10^{-9}	0.02	0.36
	6	22	30	4.5	24	I	0.05	150, 250	3.16×10^{-9}	0.08	0.31
	4	24	25	3.4	20	II	0.05	—	3.16×10^{-9}	0.05	0.33
	6	22	33	4.5	27	I	0.05	200, 300	7.71×10^{-9}	0.1	0.52
	5	23	33	4.5	26	II	0.05	—	7.71×10^{-9}	0.09	0.52
	8	22	36	5.5	29	I	0.05	200, 300	1.60×10^{-8}	0.13	0.77
	6	19	36	5.5	28	II	0.05	—	2.96×10^{-8}	0.08	1.07

Note) Model MTF cannot be attached with seal.

For the MTF models marked with an asterisk in the specification table, 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.

Ball Screw



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THK A15-251