6. Bestelsleutels

■ 2-2-4 Nominal Model Code for Non-Interchangeable TR Type

TR series can be classified into Separated and Assembled types. The sizes are identical; the only difference between the two types is that the accuracy of non-interchangeable types could reach up to UP grade since ***TBI MOTION*** makes the linear guide set under strict international regulation. Interchangeable blocks and rails can be freely exchanged; however, the accuracy could be up to H grade only due to technical issue. It is much more convenient for customers who do not need linear guides with high accuracy to have interchange blocks and rails.

Non-interchangeable Type code :

T	R	H	20	F	N	-	2	-		-	1200	-	N	-	Z0	-	II	-	K	+	N3	N3
①	②	③	④	⑤	⑥		⑦		⑧		⑨		⑩		⑪		⑫		⑬		⑭	⑮

① Nominal Model	② Block Type	③ Height of Assembly Type	④ Dimension
T	R : Standard	S : Low-Assembly	15, 20, 25, 30, 35, 45, 55, 65
	X : Special	C : Middle-Assembly	
		H : High-Assembly	

⑤ Flange Type	⑥ Length of Block	⑦ Number of Block Per Rail	⑧ Accessory Code
F : With Flange	S : Short	EX : 2	□ : Standard (Please refer to page A58)
V : Without Flange	N : Normal		
	L : Long		
	E : Extra-Long		

⑨ Length of Rail	⑩ Accuracy Grade	⑪ Preload	⑫ Two Sets per Axis	⑬ Rail Special Machining
Unit : mm	N : Normal	ZF : Slight Clearance	II	□ : Mounting from Top
	H : High	Z0 : No Preload		K : Mounting from Bottom
	P : Precision	Z1 : Light Preload		X : Rail with Special Machining
	SP : Super-Precision	Z2 : Medium Preload		
	UP : Ultra-Precision	Z3 : Heavy Preload		

⑭ Block Surface Treatment	⑮ Rail Surface Treatment
S : Standard	S : Standard
B1 : Black Oxidation	B1 : Black Oxidation
N1 : Hard Chrome Plating	N1 : Hard Chrome Plating
P : Phosphating	P : Phosphating
N3 : Nickel Plating	N3 : Nickel Plating
N4 : Raydent	N4 : Raydent
N5 : Chrome Plating	N5 : Chrome Plating

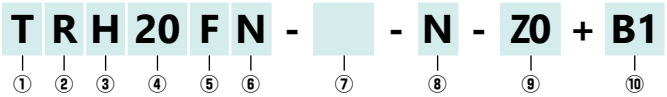
※No symbol required when plating is not needed.

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2-2 TRH / TRS / TRC International Standard Linear Guide

■ 2-2-5 Nominal Model Code for Interchangeable TR Type

Interchangeable Type of Block :



① Nominal Model
T

② Block Type
R : Standard
X : Special

③ Height of Assembly Type
S : Low-Assembly
C : Middle-Assembly
H : High-Assembly

④ Dimension
15, 20, 25, 30, 35, 45, 55, 65

⑤ Flange Type
F : With Flange
V : Without Flange

⑥ Length of Block
S : Short
N : Normal
L : Long
E : Extra-Long

⑦ Accessory Code
□ : Standard

⑧ Accuracy Grade
N : Normal

⑨ Preload
ZF : Slight Clearance
Z0 : No Preload

⑩ Block Surface Treatment
□ : Standard
B1 : Black Oxidation
N1 : Hard Chrome Plating
P : Phosphating
N3 : Nickel Plating
N4 : Raydent
N5 : Chrome Plating

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Interchangeable Type of Rail :

T R 20 - 4000 - N - K + B1

① ② ③ ④ ⑤ ⑥ ⑦

① Nominal Model	② Block Type	③ Dimension	④ Length of Rail
T	R : Standard	15, 20, 25, 30, 35, 45, 55, 65	Unit : mm
	X : Special		

⑤ Accuracy Grade	⑥ Rail Special Machining	⑦ Rail Surface Treatment
N : Normal	□ : Mounting from Top	□ : Standard
	K : Mounting from Bottom	B1 : Black Oxidation
	X : Rail with Special Machining	N1 : Hard Chrome Plating
		P : Phosphating
		N3 : Nickel Plating
		N4 : Raydent
		N5 : Chrome Plating

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■ 3-1-7 Nominal Model Code for Non-Interchangeable TH Type

Length of Block

Perform joint treatment when required lengths exceed 1300. Please contact TBI MOTION for detailed information.

T	H	07	N	L	S	-	2	-		-	1000	-	N	S	-	Z0	-	II	-	X
①	②	③	④	⑤	⑥		⑦		⑧		⑨		⑩	⑪		⑫		⑬		⑭

① Nominal Model	② Block Type	③ Dimension	④ Width of Rail
T	H : Mini	07, 09, 12, 15	N : Standard
	X : Special (Drawing will be provided for special item in order to distinguish the height of the rail.)		

⑤ Length of Block	⑥ Material of Block	⑦ Quantity of Block
N : Standard	S : Stainless steel	(Mark 1 when there is only 1 runner block)
L : Long		

⑧ Accessory Code	⑨ Length of Rail	⑩ Accuracy Grade	⑪ Material of Rail
□ : Standard (End seal + Side seal)	Unit : mm	N : Normal	S : Stainless steel
NW : Self-Lubricating		H : High	
(Please refer to page A100)		P : Precision	

⑫ Preload	⑬ Two Sets per Axis	⑭ Rail Special Machining
ZF : Slight Clearance	(No need to be marked when there is only one rail) II	□ : Mounting from Top
Z0 : No Preload		X : Rail with Special Machining
Z1 : Light Preload		

※No symbol required when no plating is need.

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3-1 TH Miniature Linear Guide

■ 3-1-8 Nominal Model Code for Interchangeable TH Type

Interchangeable Type of Block :

T	H	07	N	L	-		-	N	-	ZF
①	②	③	④	⑤		⑥		⑦		⑧

① Nominal Model	② Block Type	③ Dimension	④ Width of Rail
T	H : Mini	07, 09, 12, 15	N : Standard
	X : Special (Drawing will be provided for special item in order to distinguish the height of the rail.)		

⑤ Length of Block	⑥ Accessory Code	⑦ Accuracy Grade	⑧ Preload
N : Standard	□ : Standard (End seal + Side seal)	N : Normal	ZF : Slight Clearance
L : Long	NW : Self-Lubricating		Z0 : No Preload

Interchangeable Type of Rail :

T	H	07	N	-	1000	-	N	-	X
①	②	③	④		⑤		⑥		⑦

① Nominal Model	② Rail Type	③ Dimension	④ Width of Rail
T	H : Mini (Drawing will be provided for special item in order to distinguish the height of the rail.)	07, 09, 12, 15	N : Standard

⑤ Length of Rail	⑥ Accuracy Grade	⑦ Rail Special Machining
Unit : mm	N : Normal	□ : Mounting from Top
		X : Rail with Special Machining

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4-1 TM Miniature Wide Linear Guide

■ 4-1-9 Nominal Model Code for TM Series

Length of Rail

If the required length exceeds 1300 mm, it will be assembled using two or more sections. Please contact TBI MOTION for detailed information.

T	M	07	W	L	S	-	2	-		-	1000	-	N	S	-	Z0	-	II	-	K
①	②	③	④	⑤	⑥		⑦		⑧		⑨		⑩	⑪		⑫		⑬		⑭

① Nominal Model	② Block Type	③ Dimension	④ Width of Rail
T	M: Miniature	07, 09, 12, 15	W: Wide
	X: Special (Drawing will be provided for special item in order to distinguish the height of the rail.)		

⑤ Length of Block	⑥ Material of Block	⑦ Number of Block Per Rail
N: Standard	S: Stainless Steel	(Mark 1 when there is only 1 block)
L: Long		

⑧ Accessory Code	⑨ Length of Rail	⑩ Accuracy Grade	⑪ Material of Rail
□ : Standard (End seal + Bottom seal)	Unit: mm	N: Normal	S: Stainless steel
		H: High	
		P: Precision	

⑫ Preload	⑬ Two Sets per Axis	⑭ Rail Special Machining
ZF: Slight Clearance	(No need to be marked when there is only one rail) II	K: Mounting from Bottom
Z0: Zero Clearance		X: Rail with Special Machining
Z1: Light Preload		□: Mounting from Top

※There is no surface treatment for Miniature Wide Series.

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Interchangeable Type of Block:

T	M	07	W	L	-	N	S	-	Z0
①	②	③	④	⑤		⑥	⑦		⑧

① Nominal Model	② Block Type	③ Dimension	④ Width of Rail
T	M: Miniature	07, 09, 12, 15	W: Wide
	X: Special (Drawing will be provided for special item in order to distinguish the height of the rail.)		

⑤ Length of Block	⑥ Accuracy Grade	⑦ Material of Block	⑧ Preload
N: Standard	N: Normal	S: Stainless steel	ZF: Slight Clearance
L: Long	H: High		Z0: Zero Clearance
	P: Precision		Z1: Light Preload

Interchangeable Type of Rail:

T	M	07	W	-	1000	-	N	S	-	K
①	②	③	④		⑤		⑥	⑦		⑧

① Nominal Model	② Block Type	③ Dimension	④ Width of Rail
T	M: Miniature	07, 09, 12, 15	W: Wide
	X: Special (Drawing will be provided for special item in order to distinguish the height of the rail.)		

⑤ Length of Rail	⑥ Accuracy Grade	⑦ Material of Rail	⑧ Rail Special Machining
Unit: mm	N: Normal	S: Stainless steel	K: Mounting from Bottom
	H: High		X: Rail with Special Machining
	P: Precision		□: Mounting from Top

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