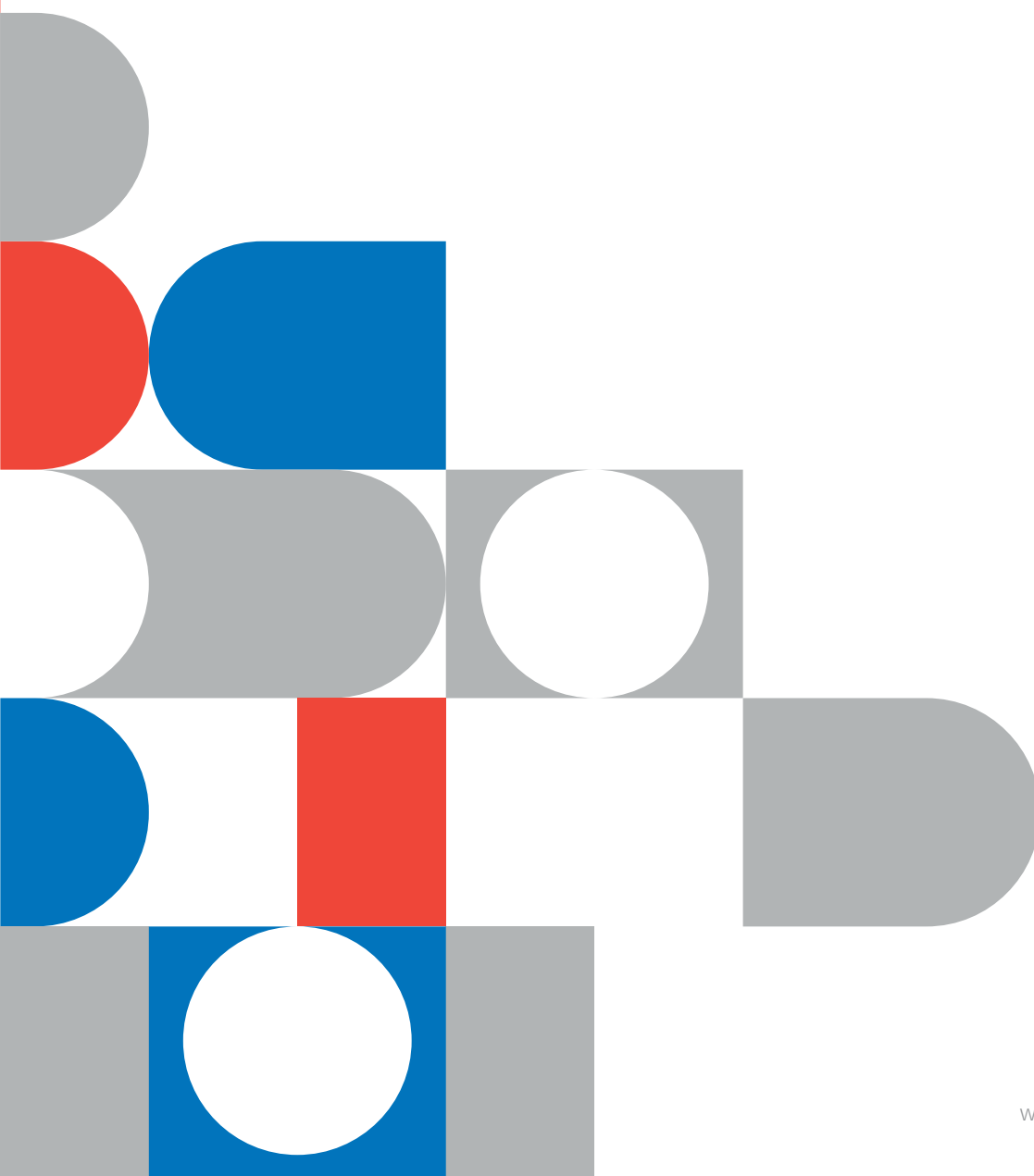
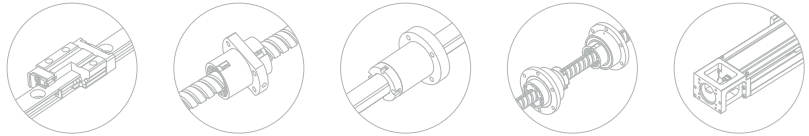




Linear Motion Components

Linear Guide | Ball Screw | Ball Spline
Rotary Series | Single Axis Actuator | Accessory



TBI Introduction

TBI MOTION TECHNOLOGY CO., LTD., as a specialized manufacturer in Linear Motion Industry in Taiwan, possesses critical core technology and concentrating on product development and innovation. Our products are under patent design with ISO9001、ISO14001、ISO45001 and credited with Taiwan Excellence Awards. We look forward to working with you as your best partner providing you with solution and professional product to create a better future.

Philosophy / TBI MOTION creates advantageous circumstances through collaboration and keeps being innovative to satisfy the needs of our customers.

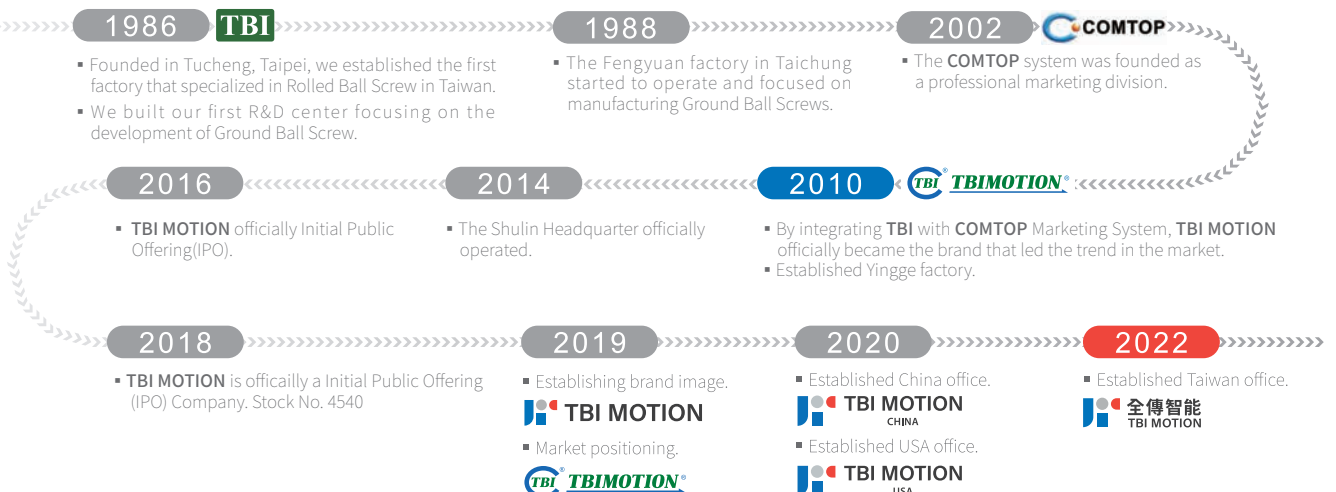
Mission / Best Partners of Production & Solution in Linear Motion.

Vision / TBI inside, as the prospect of helping our clients explore the infinite possibility of technology for life by utilizing our products inside of them.

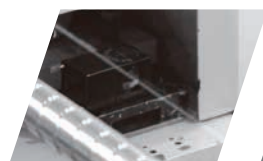


TBI Taiwan Headquarter

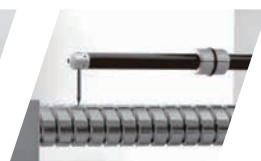
History



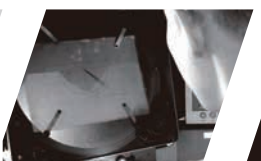
Quality Policy



Laser Conduction Test



Outline Measurement



Projection Measurement



Rigidity Test



Metallographic Test



Torque Test



Accuracy Test



Durability Test

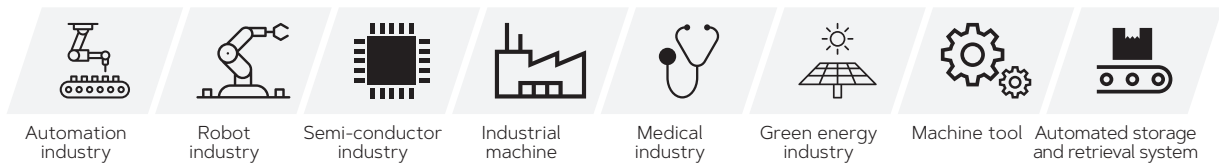
Applicable Fields

Professional motion component manufacturer

TBI MOTION possesses complete product line with MIT(made in Taiwan) quality.

We produce ball screw, linear guide, rotary series, single axis actuator, linear bearing, coupling, Support Unit of Ball Screw, etc. All of them perform remarkably in each application field. With the professional technical support and industry analysis, we fulfill our clients' demand and attain differentiation.

Our products apply to various fields as below :



Sales Location

Through TBI MOTION international sales teams and the distributors around the globe, we are connected to the world, constantly surpassing ourselves to overcome every challenge in the future.

【Taiwan Branch】 TBI MOTION INTELLIGENCE CO., LTD.

【China Branch】 TBI MOTION TECHNOLOGY (SUZHOU) CO., LTD.

【USA Branch】 TBI MOTION TECHNOLOGY(USA) LLC

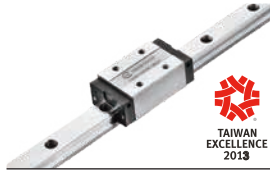
Taiwan	Japan	Netherlands	Russia
China	Indonesia	France	Finland
Korea	Iran	Hungary	Poland
Thailand	United States	Romania	Austria
Vietnam	Brazil	Slovakia	Portugal
Singapore	Germany	Ukraine	United Kingdom
Malaysia	Italy	Turkey	Australia



Product

// Linear Guide

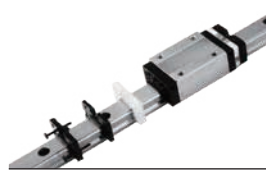
Standard TR-V



Standard TR-F



Self-lubricated TR



Miniature TM-N/W
(Standard/Wide version)



// Ball Spline

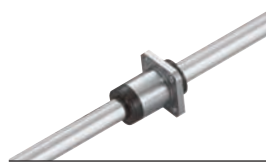
SLF



SLT



SOF



SOT

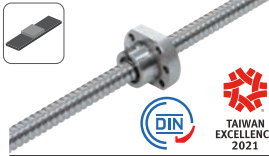


// Ball Screw

SFNH



SFH/SFA



SFNU



SFNI



SCNH



SFY
(High Dm-N value)



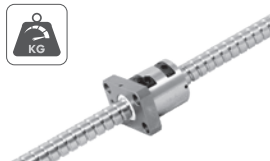
SFYA
(High Dm-N value)



SFV



XSV



SFK



SCI



BSH



SFM/DFM



Integrated Double Nut

OFU



OFI



OFV



ICON Description



Miniature



Specially for
Milling Machine



Specially for
Actuator



Capable to use
in high speed
and heavy loading



DIN Certified

// Rotary Series

RFBY



RLBF



RBBY



RBLY



RFSY



RLSF



RSSY



RSLY



// Single Axis Actuator

Standard KP



Low Setting Support Unit KP



Aluminum Dust Proof Cover KP



// Accessory

Support Unit for Ball Screw



Linear Bearing



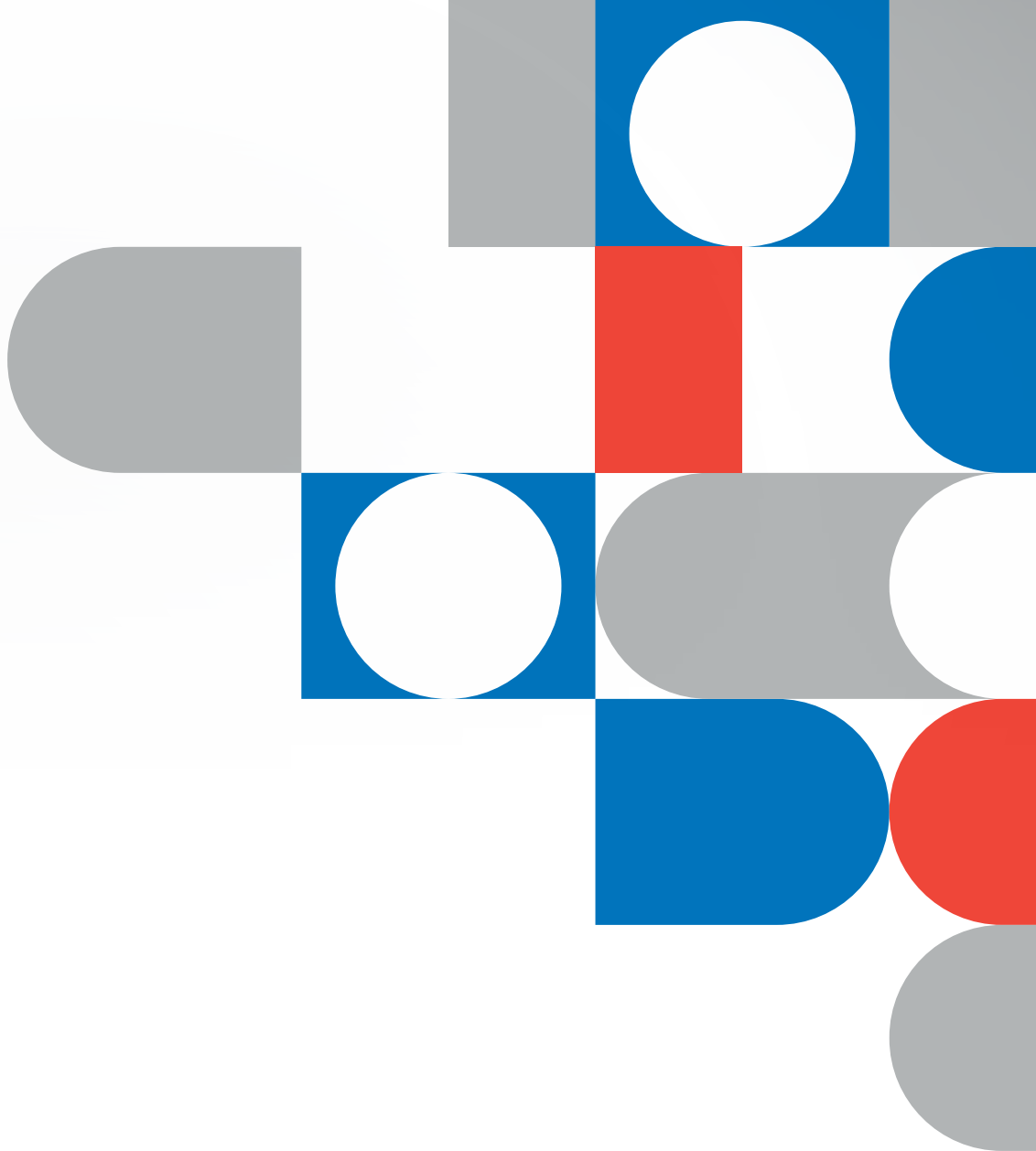
Coupling



TBI MOTION Product Material Description

Category	Item	Material	Note
Ball Screw	Screw	Carbon steel, Alloy Steel	※1. About the material of screw and nut of Rotary Series, please refer to the relevant item in Ball Screw category. About the material of spline and spline nut of Rotary Series, please refer to the relevant item in Ball Spline category. ※2. About the material of screw and nut of Single Axis Actuator, please refer to the relevant item in Ball Screw category. About the material of guide block of Single Axis Actuator, please refer to the TR Guide Block in Ball Screw category. ※3. All the material are under RoHS specification. ※4. N5 (Chrome plating) is the surface treatment especially for Linear Guide TR series.
	Screw NUT	Alloy Steel	
Linear Guide	TR Guide	Carbon steel	
	TR Block	Alloy Steel	
	TM Guide	Carbon steel, Stainless Steel	
Ball Spline	TM Block	Stainless Steel	
	Solid Shaft	Carbon steel, Alloy Steel	
	Hollow Shaft	Carbon steel, Alloy Steel	
Rotary Series	Spline NUT	Alloy Steel	
	Solid Shaft	Alloy Steel	
	Hollow Shaft	Alloy Steel	
Single Axis Actuator	Outer Ring	Alloy Steel	
	Slide	Alloy Steel	
	U Shape Guide	Carbon steel, Alloy Steel	
Accessory	Motor Base/End Support	Aluminum Alloy	
	Steel Ball	Alloy Steel, Stainless Steel	

Surface treatment: **S** Standard **B1** Black Oxidation **N1** Hard Chrome Plating **P** Phosphating **N3** Nickel Plating **N4** Raydent **N5** Black Chrome Plating



TBI MOTION

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NOTE : The appearance and specification may be changed without prior notice only if the requirement improves performance. 2021.01-EN

