

当社のキャッチフレーズ WIL とは、Quality Work, Income, Life のことです

Our catchphrase WIL means Quality Work, Income, Life.

PREFACT corporate information

PRECISION FACTORY

PREFACT

Name of PREFACT is coined word from precision and factory.

The corporate color of the Red indicates during the heat treatment color of the iron and passion for the tasks. The color of the Silver indicates cool and accuracy of the works and surface of the grinded material.

Corporate name and color are our message which we search precision production technology.



プレファクトとは**プレジジョン**(精密・精度)と**ファクトリー**(工場・工房)を併せた造語です。コーポレートカラーの**赤**は**仕事への情熱と熱処理中の金属**の色を示し、**シルバー**は**冷静**さと製品の**精度、研削仕上面**の色を示します。

社名、カラーは精密加工技術を追求するという我々のメッセージです

所在地(山形県東根市野川)

PLACE: Nogawa Higashine-shi Yamagata-ken

山形県

東根市

名産品

Yamagata-ken

Higashine-shi

Our town is called Fruit Kingdom Town.

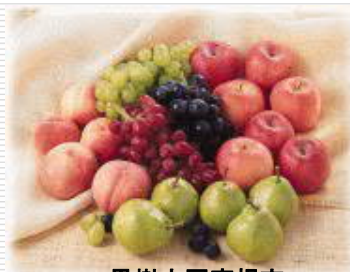


Tokyo



野川

Nogawa



果樹大国東根市



さくらんぼの生産量日本一

In another word, next door city of Sendai.

The largest production area of cherries in Japan

PREFACT Co., LTD profile.

Heat treatment Factory 熱
処理工場

Machine Factory
加工工場

- ❑ Established: 2006
- ❑ Capital: ¥40,000,000-
- ❑ President: Shirata Yoshi(Ph.D)
- ❑ Employees: 40
- ❑ Product: Custom liner motion bearing , rail, XY table
- ❑ Customer: Domestic and oversea machine build manufacture.
- ❑ Address: 2552 Nogawa Higashine Yamagata Japan
- ❑ TEL+81-237-41-4730 FAX +81-237-41-4733
- ❑ Site area: 4,003m² Building area: 2,000m²



Office
事務・厚生棟



- ❑ 設立: 2006年
- ❑ 資本金: 40,000千円
- ❑ 代表取締役: 白田 良晴(Ph.D)
- ❑ 社員数: 40名
- ❑ 製造品目: 直線運動軸受(特注品) XYテーブル

- ❑ 販売先: 国内外機械メーカー
- ❑ 所在地: 山形県東根市野川2552
- ❑ TEL: 0237-41-4730, FAX: 0237-41-4733
- ❑ 敷地面積4,003m², 建物面積2,000m²

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Custom Guide. Our customer's field



Machine tools

Bearing

Robot

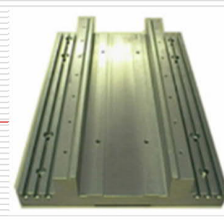
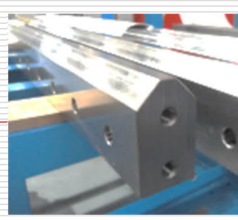
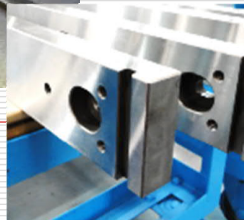
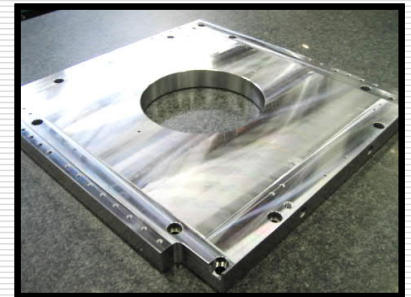
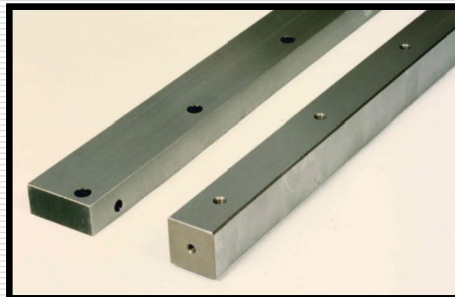
Industrial

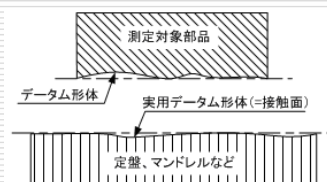
Semi conductor

Measurement

Factory Automation

特注ガイド出荷業界 工作機械 ベアリング ロボット 産業機械半導体製造装置 精密測定機械 自動機械





Outline of the products

Minimum size (ミニマムサイズ)



Material (素材): SUS440C
Hardness (硬さ): HRC58up
Use (用途): Guide for Robot Fingers (ロボットフィンガー部ガイド)

High precision
高精度

Parallelism (平行度)
0.001
Straightness (真直度)
0.001
Roughness (面粗さ)
0.2a

Maximum size (マキシマムサイズ)



Length (長さ): 4 Meters
Material (素材): GO4
Hardness (硬さ): HRc58up
use (用途): Moving Guide for Articulated Robots (多関節ロボット搬送用ガイド)

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Machine Tools (設備)



Heat Treatment
熱処理設備



Grinder & Profile G
研削盤

Machining Center
マシニングセンター



Three-Dimensional Measuring Machine
三次元測定機



Standard Products 1

Our standard products are jointly developed with Tohoku University. Yamaguchi / Nishi Lab.

私たちの標準製品は東北大学との共同開発品です

Non-oil linear sliding bearing **RB SKID**

It has been adopted for the Subaru Observatory's -196°C operating environment.



Oil Free

RB SKID can be driven without lubricating oil or grease because of using RB ceramics (hard porous carbon materials made from rice bran) as sliders, which show low friction coefficient ($\mu=0.1\sim0.15$) under dry condition.

Maintenance Free

It is not necessary to supply lubricating oil or grease because RB SKID shows low friction coefficient under dry condition.

Noise Free

The motion noise of RB SKID is extremely low, because friction vibration is not generated due to little difference between static and kinetic friction coefficient.

Availability in water

RB SKID can be driven in water because stainless steel (SUS304), which shows superior corrosion resistance, is used as guide rail.

オイル、メンテナンス、ノイズフリーのすべり軸受です。スライダーにRBセラミックスを使用し、摩擦抵抗が一定です。オールステンレスのため水中でも使用可能。水を潤滑材として使用も可能。高放射線下でも抜群の強さです。

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Standard Products 2

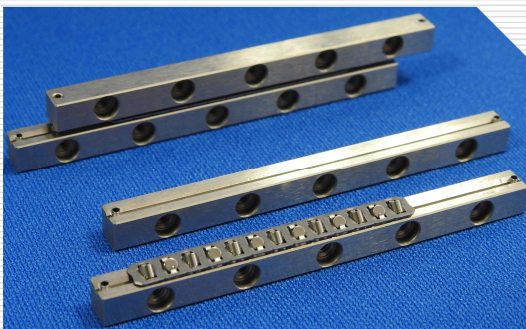
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CROSS ROLLER GUIDE

We have been making cross roller guides for many years with our partner brands. Utilizing this technology, we have begun marketing all stainless steels cross roller guide. Costs are reduced by concentrating the material on stainless steel. Friction tests are conducted at Tohoku University

Material Rail SUS440C HRC58UP Roller SUS440C HRC58UP Retainer SUS304



For further information

www.prefact.co.jp

If you have any questions, please feel free to contact us by email. Thanks!
Sales representative: Tomoya Yasunaga

etoiawase@prefact.co.jp

OEMで長年供給してきたクロスローラーガイドの一般市販開始。差別化とコストダウンのために、素材をオールステンレスに集中しました。長寿命と錆びにくいという特長があります。高級品がお手軽コストです！

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