

COMPANY PROFILE | 2026

BAEKNYON PRECISION

백년정밀

CNC Precision Machining Specialist

From a single drawing to finished parts — 26 years of precision machining expertise
Round bar Ø1–42mm · 10 CNC turn-mill centers · $\pm 0.005\text{mm}$ tolerance

Rev. September 2026

32-18, Gyeongbok-daero 512beon-gil, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Republic of Korea
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Company Overview

Company	Baeknyon Precision (백년정밀)
CEO	Park Hoe-rim
Founded	February 22, 2000
Business Reg. No.	206-07-52876
Business Type	Manufacturing — hardware, shafts, connectors, electronic parts
Main Products	CNC precision parts (shafts, inserts, nuts, special threaded parts)
Employees	10
Banks	Woori Bank · IBK Industrial Bank of Korea
Address	32-18, Gyeongbok-daero 512beon-gil, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea
Website	www.baeknyon.co.kr (Korean · English)



26 Years of Precision

A trusted partner dedicated solely to precision machining since 2000.

- ✓ 10 CNC turn-mill centers
- ✓ ISO 9001 certified quality system
- ✓ Stable supply of high-mix precision parts
- ✓ Regular exports to the USA since 2025

At a Glance



26 yrs

In Business

Precision machining know-how built since 2000



10

Employees

Production, quality and management fully in-house



10 units

CNC Turn-Mill Centers

Machining line of Hanwha Techm turn-mill centers



ISO 9001

Certified

Full-process certification for CNC precision parts



Annual revenue

Approx. KRW 1 billion



Export — since 2025

Regular exports to the USA

History

- 2000

●

Feb

Baeknyon Precision founded (Seongsu-dong, Seoul)
- 2004

●

Mar

Relocated — Seongsu-dong
- 2005

●

Dec

Relocated — Seongsu-dong
- 2013

●

Mar

Moved into Seoul Forest IT Valley
- 2020

●

Relocated to current plant — Jinjeop, Namyangju, Gyeonggi-do
- 2022

●

Oct

ISO 9001:2015 Quality Management System certified
- 2025

●

Regular exports to the USA began
- 2026

●

Sep

Website renewal · English service · online quote inquiries

Organization



※ 10 employees in total (Production 4 · Management 3 · Quality 3) — production, quality and management run entirely in-house.

Business & Capability

CNC Precision Machining Specialist

We manage the entire process in-house — from drawing and sample review to machining, precision inspection, finishing, packaging and delivery.

Stable supply of high-mix precision parts, from prototypes to mass production.

SHAFT · INSERT · NUT · FITTING

Precision metal & non-metal machine parts



Turn-mill machining Ø1–42mm

10 CNC turn-mill centers perform turning, milling, drilling and tapping in a single setup. Tolerance $\pm 0.005\text{mm}$.



1 prototype to mass production

High-mix, low-volume is our strength. Same standards from a single prototype to thousands of parts.



One-stop finishing

Plating, heat treatment and grinding delivered together with machined parts after drawing review.



Export ready

Regular exports to the USA since 2025. Experienced with English drawings, export documents and sea freight.

Industries We Serve

We machine and supply precision parts across a range of industries. (Client names withheld for confidentiality)



Defense · Aerospace

Connector shell plugs, special threaded parts



Industrial Machinery · Automation

Reducer shafts, link pins, couplers



Office Equipment · Counters

Precision long shafts



Telecom · Electronics

RF switch parts, high-current pins



Medical · Optics

Medical device parts, knurled pins



Injection Molding · Inserts

Insert nuts and bushings for injection molding



Piping · Fluid Components

Nipples, plugs, fittings



Export (USA)

Regular fitting exports since 2025

Products & Capacity



Actual parts — shafts · special screws · inserts · bushings · fittings · handles



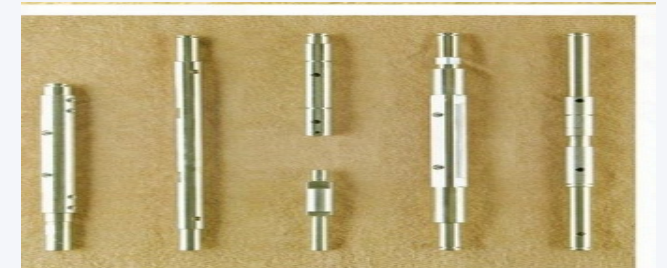
Brass precision parts



Stainless steel parts



Multi-process small parts



Precision shafts

Machining Capability

Stock form

Round bar Ø1–42mm

Length

Long shafts · per drawing

Threads

M1 and up · UNEF · UNF · Metric

Tolerance

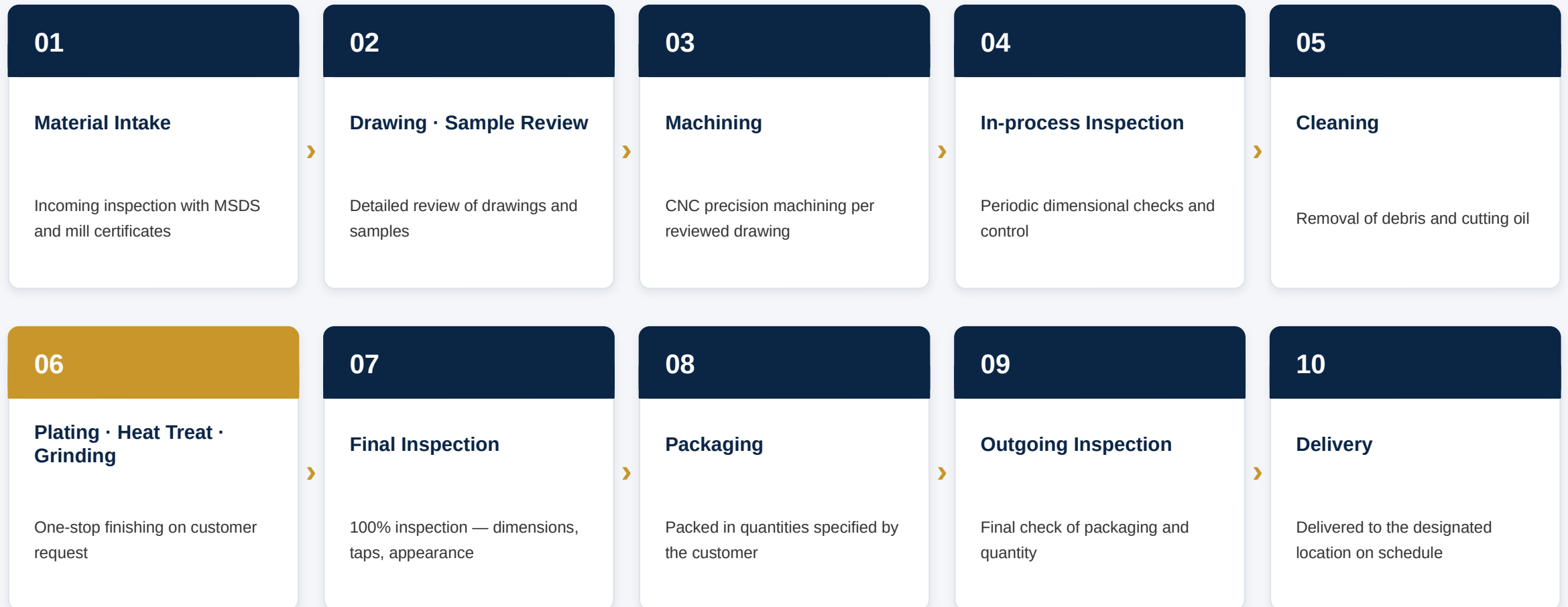
±0.005mm

Materials

AL · Brass · SUS · Steel · POM, 10+ types

Production Process

A 10-step process from raw material intake to delivery guarantees quality.



Equipment

■ Machining Equipment (CNC Turn-Mill Centers)

Equipment	Size	Maker	Qty
CNC Turn-Mill Center	20	Hanwha Techm	5
CNC Turn-Mill Center	35	Hanwha Techm	2
CNC Turn-Mill Center	38	Hanwha Techm	1
CNC Turn-Mill Center	42	Hanwha Techm	2
Total	10 CNC turn-mill centers (round bar Ø1–42mm)		

■ Auxiliary Equipment

Type	Model	Maker	Qty
Tapping & Drilling	DDR-360	Samchully	1
Tapping & Drilling	CDT-500	Samchully	2
Tapping & Drilling	KM-DM19	Kyungmin	1
Bench Lathe	SS-32	—	1
Sanding Machine	KSSA-1S	Kumkang Tech	1
Pin Barrel (Deburring)	—	—	1



CNC Turn-Mill Center (Hanwha Techm)



CNC Turn-Mill Center (Hanwha Techm)

Quality Management



ISO 9001 : 2015
Quality Management System

Scope Production of CNC precision machined parts
Cert. No. ITS-KQ-02100
Certified by ITS

Full-process Quality Control

Incoming → in-process → final → outgoing inspection:
dimensional and visual checks at every stage prevent defects
before shipment.

Inspection reports are issued on request.

Measuring Instruments

Instrument	Range	Maker	Qty
Vernier Caliper	150 mm	Mitutoyo	12
Vernier Caliper	200 mm	Mitutoyo	3
Vernier Caliper	300 mm	Mitutoyo	6
Micrometer	0–25 mm	Mitutoyo	11
Depth Micrometer	0–30 mm	Mitutoyo	10
Thread Micrometer	—	Mitutoyo	2
Vision Measuring Machine	Non-contact imaging	Mitutoyo	1
Concentricity Gauge	Up to 300 mm	—	1
Microscope	—	Mitutoyo	1

※ Mitutoyo precision instruments control dimensions across all processes; shafts are also checked for concentricity.

Our Strengths

Why Baeknyon — what our customers rely on



26 Years of Experience

Deep machining know-how and stable operation, dedicated solely to precision machining since 2000



ISO 9001 Quality

Standardized full-process quality control based on a certified quality management system



10 CNC Turn-Mill Centers

Hanwha Techm turn-mill line for high-mix, high-precision parts



100% Precision Inspection

Mitutoyo instruments, vision measuring machine and concentricity gauge — dimensional and visual checks from intake to shipment



Demanding Specifications

Round bar $\varnothing 1\text{--}42\text{mm}$ · long shafts · M1 taps · $\pm 0.005\text{mm}$ tolerance



One-stop Finishing · On-time Delivery

Plating, heat treatment and grinding delivered together; on-schedule delivery protects your production plan

CONTACT

Get in Touch

For precision machining, contact Baeknyon Precision.

Send a drawing (DXF · PDF) or a sample — we will review it and provide a quote.

-  Address **32-18, Gyeongbok-daero 512beon-gil, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea**
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-  Website **www.baeknyon.co.kr (Online quote request · Korean / English)**

THANK YOU

BAEKNYON PRECISION