



PRONIXT
PRECISION TOOLING SOLUTIONS

Rotary Broaching Tools for Swiss-Type Lathes

ABOUT

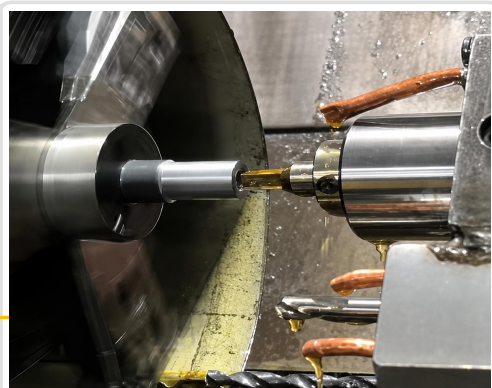
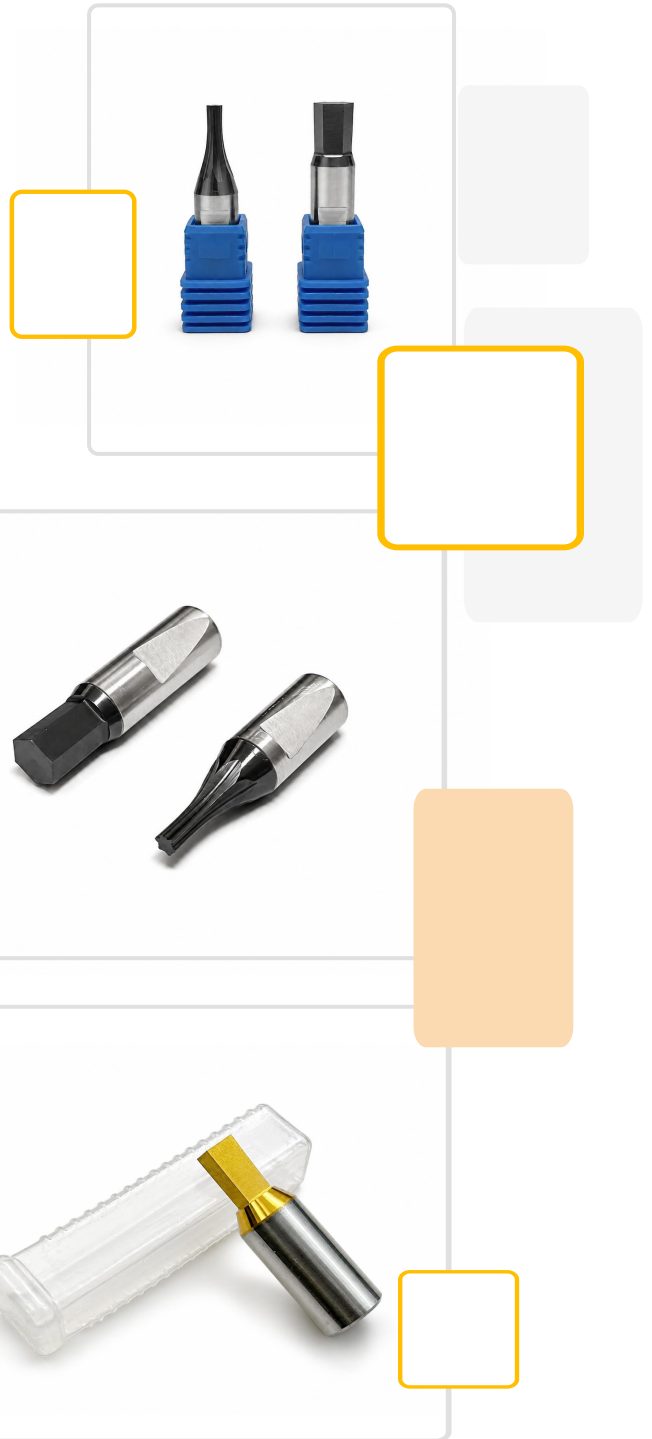
PRONIXT

PRONIXT was built upon practical machining experience and a long-term collaboration with **D-Well Precision Co., Ltd.** in Taiwan.

Established in 2021, **D-Well** specializes in precision prototype machining and low-volume production. It also serves as a technical platform for tool trials, application testing, and machining feedback.

In 2026, **PRONIXT** was established in Shenzhen based on technical discussions and practical machining experience gained through this collaboration.

Today, **PRONIXT** focuses on collets, guide bushes, rotary broaching tools, and customized tooling solutions for global customers.



PRECISION

High accuracy manufacturing with tight tolerance control.



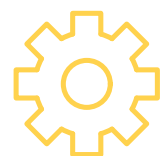
QUALITY

Stable quality ensures consistent performance.



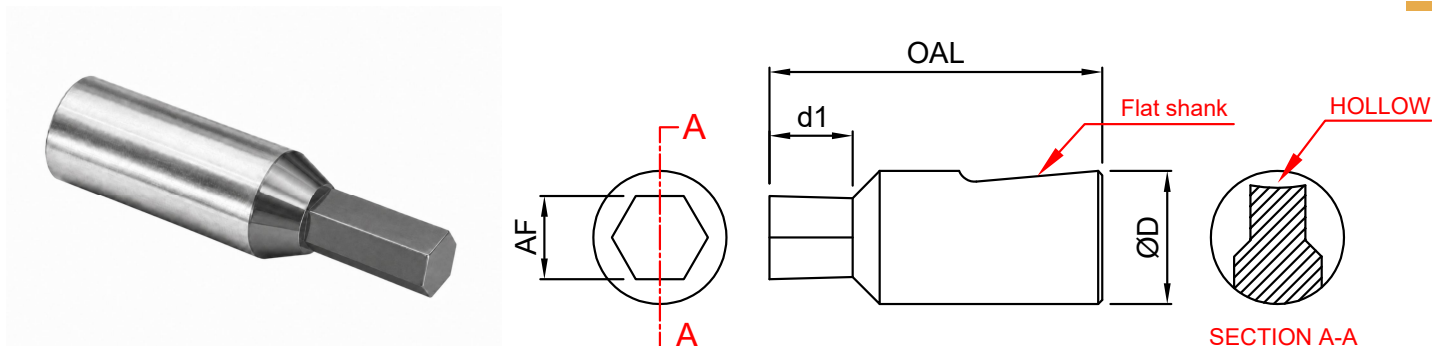
TESTING

Practical machining tests for reliable tooling verification.



CUSTOMIZATION

Custom solutions to meet specific machining needs.



Hexagonal Rotary Broaches (Standard Stock Sizes)

Unit: mm

Order No.	AF		d1	ØD	OAL
HEX-0.93-D8-30L	0.93		1.5	8	30
HEX-1.13-D8-30L	1.13		1.5	8	30
HEX-1.33-D8-30L	1.33		2	8	30
HEX-1.53-D8-30L	1.53		2.5	8	30
HEX-2.05-D8-30L	2.05		3	8	30
HEX-2.55-D8-30L	2.55		4	8	30
HEX-3.05-D8-30L	3.05		4.5	8	30
HEX-4.06-D8-30L	4.06		6	8	30
HEX-5.06-D8-30L	5.06		7.5	8	30
HEX-6.06-D8-30L	6.06		9	8	30
HEX-7.07-D8-30L	7.07		10.5	8	30
HEX-8.08-D8-30L	8.08		12	8	30
HEX-10.1-D8-30L	10.1		15	8	30

ASP23 Material: (Heat treated hardness: HRC 64–66)

All products are manufactured from ASP23 powder metallurgy high-speed steel. ASP23 provides excellent wear resistance, toughness, and stable cutting performance, making it suitable for high-precision and high-load machining applications.

Applicable Work Materials:

Tool steel / Mold steel (D2 / H13 / SKD11 etc.)

Alloy steel . Carbon steel . Spring steel

Hardened steel (Hardened steel up to HRC 60–62, subject to application conditions)

Stainless steel (304 / 316 / 420 / 440 series)

Titanium alloy (Ti-6Al-4V / Grade 5)

Standard stock coating:

TiCN coating (blackish PVD finish)

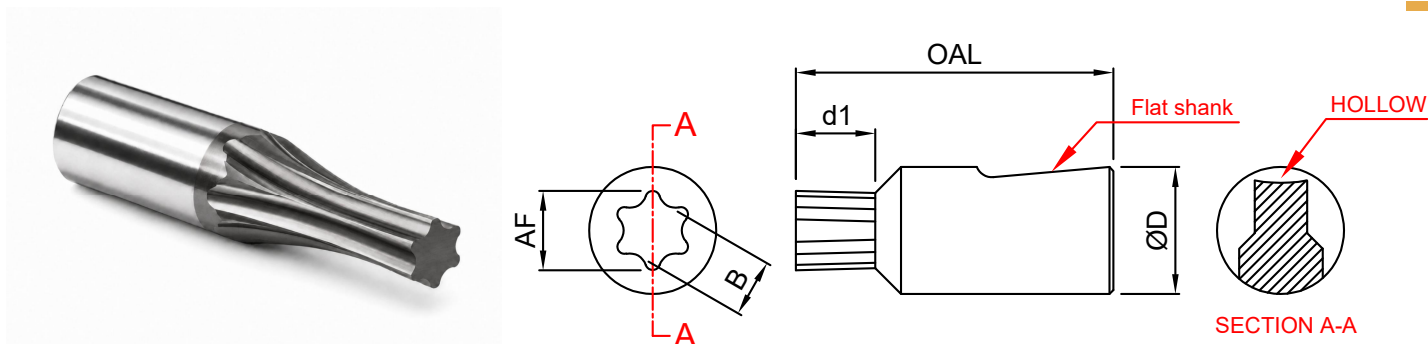
Custom coating option:

TiN coating (gold PVD finish) available upon request

Tolerance & Precision:

Standard dimensional tolerance: ± 0.01 mm

Shank tolerance: h6



Torx (Star) Rotary Broaches (Standard Stock Sizes)

Unit: mm

Order No.	AF	B	d1	ØD	OAL
TX-T4-D8-30L	1.34	0.97	2	8	30
TX-T5-D8-30L	1.48	1.07	2.5	8	30
TX-T6-D8-30L	1.75	1.27	2.5	8	30
TX-T7-D8-30L	2.06	1.49	3	8	30
TX-T8-D8-30L	2.4	1.75	4	8	30
TX-T9-D8-30L	2.57	1.86	4	8	30
TX-T10-D8-30L	2.8	2.05	4.5	8	30
TX-T15-D8-30L	3.35	2.4	5	8	30
TX-T20-D8-30L	3.95	2.83	6	8	30
TX-T25-D8-30L	4.5	3.25	7	8	30
TX-T30-D8-30L	5.6	4.0	8.5	8	30
TX-T40-D8-30L	6.75	4.85	10	8	30
TX-T45-D8-30L	7.93	5.64	12	8	30
TX-T50-D8-30L	8.95	6.45	13.5	8	30

ASP23 Material: (Heat treated hardness: HRC 64–66)

All products are manufactured from ASP23 powder metallurgy high-speed steel. ASP23 provides excellent wear resistance, toughness, and stable cutting performance, making it suitable for high-precision and high-load machining applications.

Applicable Work Materials:

Tool steel / Mold steel (D2 / H13 / SKD11 etc.)

Alloy steel . Carbon steel . Spring steel

Hardened steel (Hardened steel up to HRC 60–62, subject to application conditions)

Stainless steel (304 / 316 / 420 / 440 series)

Titanium alloy (Ti-6Al-4V / Grade 5)

Standard stock coating:

TiCN coating (blackish PVD finish)

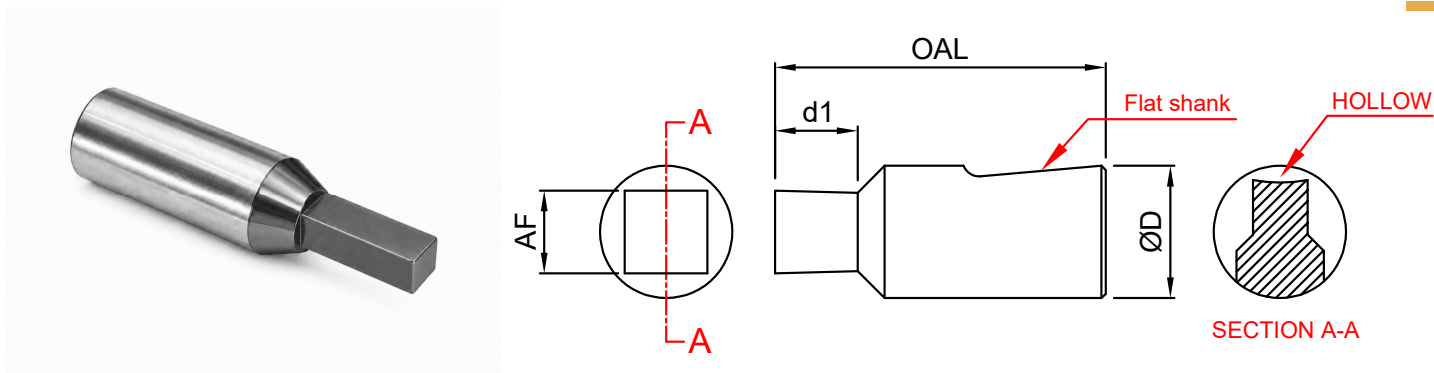
Custom coating option:

TiN coating (gold PVD finish) available upon request

Tolerance & Precision:

Standard dimensional tolerance: ± 0.01 mm

Shank tolerance: h6



Square Rotary Broaches - Made to Order (No Stock Available)

Unit: mm

Order No.	AF		d1	ØD	OAL
SQ-1.0-D8-30L	1.04		1.5	8	30
SQ-1.5-D8-30L	1.55		2.5	8	30
SQ-2.0-D8-30L	2.06		3	8	30
SQ-2.5-D8-30L	2.57		4	8	30
SQ-3.0-D8-30L	3.07		4.5	8	30
SQ-3.5-D8-30L	3.58		5	8	30
SQ-4.0-D8-30L	4.09		6	8	30
SQ-4.5-D8-30L	4.57		7	8	30
SQ-5.0-D8-30L	5.08		7.5	8	30
SQ-6.0-D8-30L	6.10		9	8	30
SQ-8.0-D8-30L	8.13		12	8	30
SQ-10.0-D8-30L	10.14		15	8	30

Note: AF values represent actual manufactured dimensions.

Slight oversize is applied to ensure proper fitting and machining clearance.

ASP23 Material: (Heat treated hardness: HRC 64–66)

All products are manufactured from ASP23 powder metallurgy high-speed steel.

ASP23 provides excellent wear resistance, toughness, and stable cutting performance, making it suitable for high-precision and high-load machining applications.

Applicable Work Materials:

Tool steel / Mold steel (D2 / H13 / SKD11 etc.)

Alloy steel . Carbon steel . Spring steel

Hardened steel (Hardened steel up to HRC 60–62, subject to application conditions)

Stainless steel (304 / 316 / 420 / 440 series)

Titanium alloy (Ti-6Al-4V / Grade 5)

Standard stock coating:

TiCN coating (blackish PVD finish)

Custom coating option:

TiN coating (gold PVD finish) available upon request

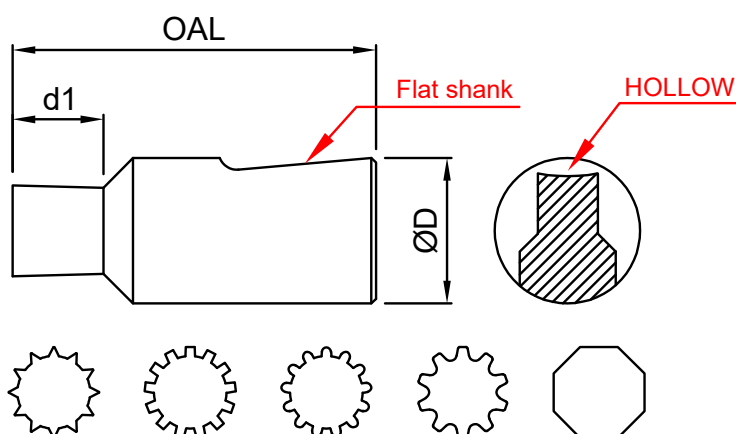
Tolerance & Precision:

Standard dimensional tolerance: ± 0.01 mm

Shank tolerance: h6

Rotary Broach Profile / Design Reference

Available profiles include Hexagonal, Square, Torx, and customized profiles available upon drawing.



Order No.	Rotary Broaches shape	d1	ØD	OAL
Made to order according to customer drawings or specifications				



Order No.	AF	B	d1	ØD	OAL
Made to order according to customer drawings or specifications					

ASP23 Material: (Heat treated hardness: HRC 64–66)

All products are manufactured from ASP23 powder metallurgy high-speed steel (PM-HSS), ensuring high wear resistance, excellent toughness, and stable performance in demanding machining applications. We also accept customer-specified material requirements for technical evaluation and recommendation.

Available coating options:

TiCN coating (blackish PVD finish)

TiN coating (gold PVD finish)

We also provide technical evaluation and recommendation services based on customer-provided workpiece materials and application requirements.

Our engineering team will analyze the machining condition and recommend the most suitable tool design, material grade, and coating solution to ensure optimal performance and tool life.

Tolerance & Precision (Custom Products):

All manufacturing processes are controlled through precision grinding.

Final tolerances depend on geometry, size, and application requirements, and will be confirmed during technical evaluation.

PRONIXT

PRECISION TOOLING SOLUTIONS

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