

PRODUCT CATALOG

2026

ASIA EDITION



SINCE 1983

KENLON

ABRASIVE INDUSTRIAL CO., LTD.

CUT-OFF WHEELS / GRINDING WHEELS / FLEXIBLE WHEELS

www.kenlonabrasive.com



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ABOUT US

Kenlon is a family business with roots in Taiwan's abrasive manufacturing industry dating back to 1963. Our story began with an earlier family enterprise, where collaboration with Japanese partners helped develop our technical knowledge and production methods. This foundation led to the establishment of Kenlon in 1983 in the Yongkang Industrial Zone.

Today, family remains at the heart of our business. We draw on more than 60 years of accumulated knowledge in abrasive manufacturing and over 40 years of specialized manufacturing experience under the Kenlon name. As a Taiwan-based abrasive wheel manufacturer, we specialize in cutting wheels, grinding wheels, flexible grinding wheels, and customized abrasive solutions.

Our comprehensive selection of standard sizes and customized specifications enables us to support customers across a wide range of professional and industrial applications. As a family business, we place lasting value on the relationships we build, working closely with our customers to develop solutions tailored to their specific requirements.

Recognized for quality, reliability, and responsive service, we bring a personal commitment to every customer relationship. Through our factory-direct business model, we deliver dependable, high-quality abrasive products at competitive prices.

OUR COMMITMENT

We produce high-quality abrasive products that are 100% made in Taiwan. Through precision manufacturing and flexible customization, we deliver consistent performance, dependable quality, and lasting value to customers worldwide.

SAFETY & QUALITY ASSURANCE

Product safety, quality, and reliability are fundamental to our manufacturing process. Our production and quality-control procedures follow applicable ANSI B7.1 and ISO standards.

Our manufacturing and testing capabilities have also been independently assessed through Taiwan's TS Safety Mark certification process, which includes annual third-party factory audits and required burst and impact testing. These independent audits and testing requirements demonstrate our ability to maintain disciplined production controls and meet demanding safety and performance requirements.

Designed for precision, durability, and dependable operation, Kenlon cutting wheels, grinding wheels, and flexible grinding wheels support a wide range of professional and industrial applications.

WHY KENLON

BUILT ON AN ABRASIVE MANUFACTURING HERITAGE DATING BACK TO 1963



100% MADE IN TAIWAN

Every Kenlon product is manufactured in Taiwan. We maintain close control from raw-material sourcing through production and final inspection, supporting consistent quality, reliable performance, and dependable supply.



CUSTOMIZED SOLUTIONS

We offer a comprehensive range of standard specifications and work closely with customers to develop customized abrasive solutions for different materials, applications, and performance requirements.



QUALITY & SAFETY YOU CAN TRUST

Our ISO 9001-certified quality management system supports disciplined production controls, traceability, and consistent inspection. Our manufacturing and testing capabilities also follow applicable ANSI B7.1 requirements and have been independently assessed through Taiwan's TS Safety Mark certification process, including annual third-party factory audits and required burst and impact testing.



MANUFACTURING HERITAGE

Built on an abrasive manufacturing heritage dating back to 1963, Kenlon combines decades of accumulated technical knowledge with specialized production expertise to continuously improve our products, processes, and customer service.



TRUSTED OEM PARTNER

We manufacture abrasive products for established brands in the Americas and serve customers throughout Southeast Asia, Northeast Asia, and Oceania. Our long-term partnerships are built on consistent quality, flexible customization, reliable supply, and responsive service.

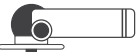
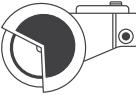




OUR LOCATION

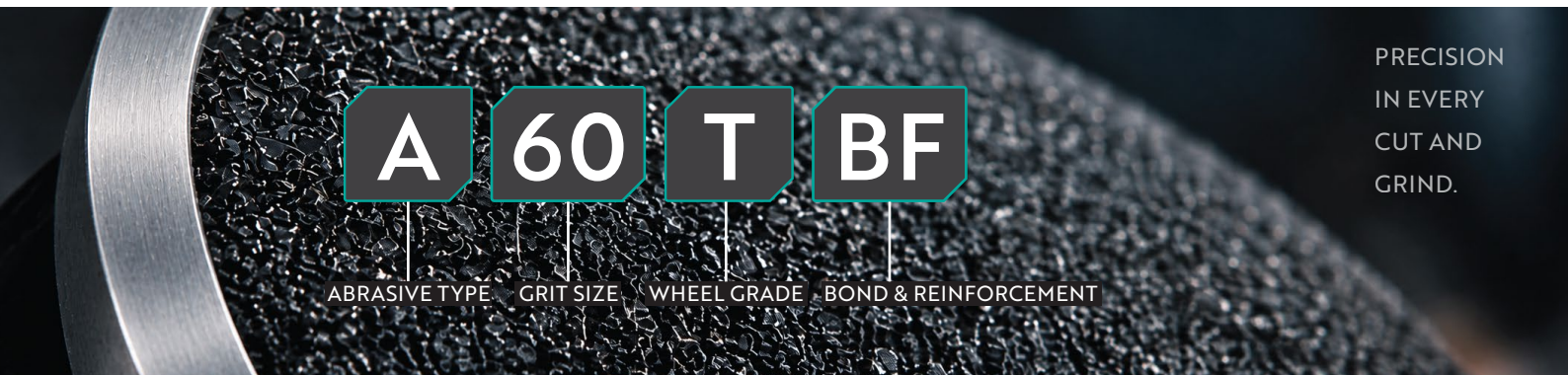
Our factory is proudly located in Tainan City, Taiwan, a region known for its strong industrial heritage and skilled workforce. This strategic location enables us to efficiently produce high-quality, Taiwan-made products while maintaining close ties to local suppliers and resources. Our Tainan facility is equipped with advanced machinery and technology, allowing us to deliver precision and excellence in every product.

TOOL ICONS

ICONS	USAGE	ICONS	USAGE
	A handheld tool used for cutting, grinding, and polishing, perfect for precision work and smaller tasks.		A portable saw powered by a gas engine, built for heavy-duty cutting in areas without electricity.
Right Angle Grinder		Gas Powered Saw	
	A power saw with a rotating blade, ideal for making straight cuts through wood, metal, and other materials.		A smaller, lower-power version of the walk-behind saw, perfect for lighter jobs like surface cuts or maintenance work.
Circular Saw		Walk Behind Saw (Low HP)	
	A fixed, high-precision cutting tool designed for repeated, accurate cuts, often used in workshops or factories.		A gas-powered saw used to cut through concrete or asphalt, designed for demanding, high-power tasks in construction.
Stationary Saw		Walk Behind Saw (High HP/Gas Powered)	
	A stationary saw with a pivoting blade, great for making precise cuts through metal, wood, and masonry.		A compact tool designed for precision grinding and polishing, ideal for shaping and finishing metal and other materials.
Chop Saw		Die Grinder	

UNDERSTANDING WHEEL SPECIFICATION

Standardized wheel markings identify the abrasive type, grit size, wheel grade, and bond/reinforcement. These markings provide essential information about a grinding wheel's composition, performance, and suitable applications. Understanding the code helps you select the right wheel for your needs. For example: A60T BF.



01 | ABRASIVE TYPE

The first letter or letters identify the abrasive material.



A — ALUMINUM OXIDE

Tough and durable; suitable for grinding ferrous metals.



C — SILICON CARBIDE

Sharp and friable; suitable for non-ferrous metals and non-metallic materials.



WA — WHITE ALUMINUM OXIDE

High-purity and friable; ideal for hard materials, precision grinding, and fine finishes.



SA — MONOCRYSTALLINE ALUMINUM OXIDE

Sharp and tough; suitable for precision grinding of stainless steel, hardened steel, and alloy steels.



AZ — ZIRCONIA ALUMINUM OXIDE

Highly tough and durable; suitable for heavy-duty grinding and rapid material removal on steel.

02 | GRIT SIZE

The number indicates the abrasive grain size. Lower numbers cut faster, while higher numbers produce a finer finish.



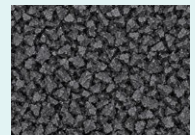
16-24
COARSE

Rapid stock removal and rough grinding.



36-60
MEDIUM

General-purpose grinding with a balance of cutting performance and surface finish.



80-220+
FINE

Fine finishing and precision grinding.

COARSE → FINE

03 | WHEEL GRADE

The letter indicates how firmly the bond holds the abrasive grains. It does not indicate the hardness of the abrasive itself.

E-H
SOFT



Releases worn grains more readily to expose fresh cutting edges. Suitable for harder materials.

I-P
MEDIUM



Balances cutting performance and wheel life for general-purpose grinding.

Q-Z
HARD



Retains abrasive grains longer. Suitable for softer materials and applications requiring longer wheel life.

SOFT → HARD

04 | BOND & REINFORCEMENT

The final letters identify the bond type and reinforcement.



B - RESINOID BOND

A synthetic-resin bond commonly used for high-speed cutting and grinding.



F - FIBERGLASS REINFORCEMENT

Increases wheel strength, stability, and resistance to breakage.



BF - REINFORCED RESINOID BOND

A resinoid bond combined with fiberglass reinforcement.



BF2 - DOUBLE FIBERGLASS REINFORCEMENT

A resinoid bond with two fiberglass reinforcing layers for added strength and stability.

SAFETY & QUALITY ASSURANCE

Product safety, quality, and reliability are fundamental to our manufacturing process. At Kenlon, disciplined production controls, in-house testing, and independent assessment work together to support consistent wheel quality and dependable performance.



MATERIAL SELECTION

We carefully select raw materials, including bond materials and fiberglass reinforcement, to meet our specifications and support consistent product quality.



CONTROLLED PRODUCTION

We maintain close control throughout manufacturing, from raw-material preparation through production and final inspection, supporting consistent quality and reliable performance.



IN-HOUSE TESTING

We conduct our own burst and impact testing as part of ongoing production quality control to assess wheel strength and integrity.

IN-HOUSE BURST & IMPACT TESTING

Kenlon conducts both rotational burst testing and impact testing in-house as part of our ongoing production quality control.



BURST TESTING

Wheels are regularly sampled from production for rotational burst testing to assess wheel strength at increased rotational speeds.



IMPACT TESTING

In-house impact testing assesses wheel integrity and resistance to specified impact forces where applicable.



Our manufacturing and testing procedures follow applicable ANSI B7.1 requirements.

ANNUAL THIRD-PARTY FACTORY AUDITS



Our manufacturing and testing capabilities have also been independently assessed through Taiwan's TS Safety Mark certification process. Annual third-party factory audits review production processes, raw-material management, and quality inspection procedures, and include required third-party burst and impact testing.

ISO 9001 QUALITY MANAGEMENT



Our ISO 9001-certified quality management system supports disciplined production controls, traceability, consistent inspection, and continual improvement. Annual audits assess our continued conformity with ISO 9001 requirements, supporting consistent quality from raw-material sourcing through production and final inspection.

HOW TO READ OUR PRODUCT TABLES

Our product tables summarize the information you need to select and order abrasive wheels.
Use the example below to understand each column.

EXAMPLE: LARGE-DIAMETER CUT-OFF WHEEL

TYPE T-1



Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
CA3S-4053025	405 × 3 × 25.4	A36S BF	3,800	0/25

CATALOG NUMBER

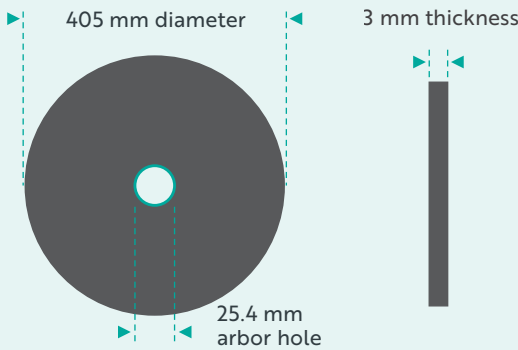
The unique product reference used for ordering and identification. Quote CA3S-4053025 when requesting this wheel.



SIZE (mm)

Diameter × Thickness × Arbor Hole

405 × 3 × 25.4 means a 405 mm wheel diameter, 3 mm thickness, and 25.4 mm arbor hole.



SPEC

A36S BF identifies the abrasive, grit size, wheel grade, and bond/reinforcement.



A — Aluminum oxide
36 — Grit size
S — Wheel grade
BF — Reinforced resinoid bond

See Wheel Specification for a detailed explanation.

MAX RPM

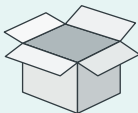
3,800 revolutions per minute

The maximum permitted operating speed for this wheel. The tool speed must not exceed the maximum RPM marked on the wheel.



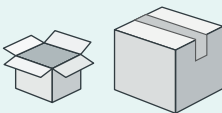
BOX/CTN

Pieces per box / Pieces per carton



0/25

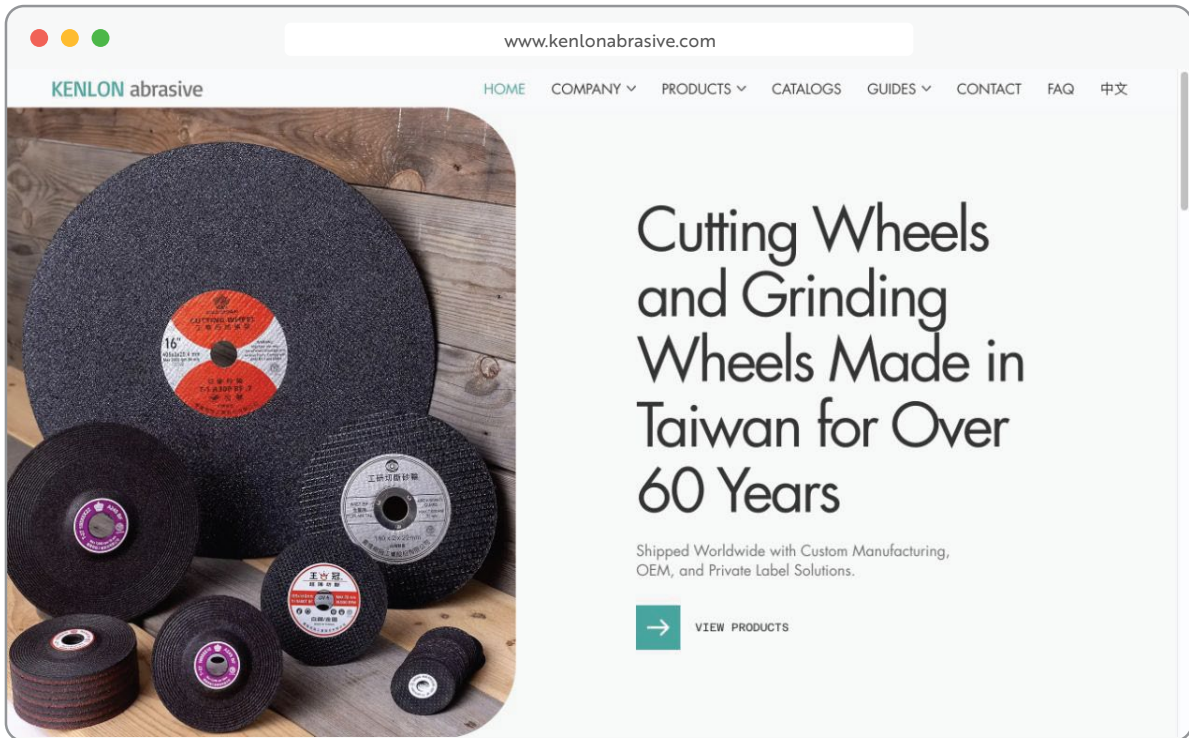
No inner box; 25 wheels per carton.



50/1000

50 wheels per box; 1,000 wheels per carton (20 boxes).

EXPLORE MORE ONLINE



DISCOVER MORE PRODUCTS

Explore cutting wheels, grinding wheels, flexible wheels, and other abrasive solutions for your application.



FIND USEFUL RESOURCES

Browse product information, download catalogs, and read our guides and frequently asked questions.



CONNECT WITH KENLON

Contact our team to discuss product selection, OEM supply, and customized abrasive solutions.

YOUR NEXT STEP STARTS HERE

www.kenlonabrasive.com

For information beyond this catalog, explore our website or contact our team.

CUT-OFF WHEELS

GENERAL PURPOSE

Made from durable aluminum oxide, our general-purpose cut-off wheels deliver clean, precise cuts in steel, iron, and other ferrous metals. Available in small and large diameters, they suit both detailed work and heavy-duty cutting applications.

MATERIALS

ferrous metals · steel · iron

TYPE

T-1

01 SMALL DIAMETER WHEELS

50–230 mm









Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
CA4D-0502010	50 × 2 × 10	A46T BF2	30,550	50/1000
CA4S-1002016	100 × 2 × 16	A46T BF	14,000	50/500
CA6D-1051016	105 × 1 × 16	A60T BF2	14,600	50/500
CA4D-1152022	115 × 2 × 22	A46T BF2	13,300	50/500
CA4D-1252022	125 × 2 × 22	A46T BF2	12,000	50/200
CA3D-1253022	125 × 3 × 22	A36S BF2	12,000	50/200
CA3D-1502022	150 × 2 × 22	A36P BF2	10,200	50/200
CA3D-1503022	150 × 3 × 22	A36R BF2	10,200	50/200
CA4D-1802022	180 × 2 × 22	A46T BF2	8,500	50/200
CA3D-1803022	180 × 3 × 22	A36S BF2	8,500	25/100
CA3D-2303022	230 × 3 × 22	A36S BF2	6,600	50/50

02 LARGE DIAMETER WHEELS

305–405 mm





Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
CA3S-3053025	305 × 3 × 25.4	A36S BF	5,100	0/25
CA3S-3553025	355 × 3 × 25.4	A36S BF	4,400	0/25
CA3S-4053025	405 × 3 × 25.4	A36S BF	3,800	0/25

CUT-OFF WHEELS

SPECIALIZED USE

Made with high-quality white aluminum oxide, our specialized cut-off wheels are designed for precise cutting of stainless steel and non-ferrous metals such as aluminum. They deliver consistent cutting performance and durability for demanding industrial applications.

MATERIALS

non-ferrous metals · stainless steel

TYPE

T-1

01 SMALL DIAMETER WHEELS

100–230 mm



Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
CW4S-1002516	100 × 2.5 × 16	WA46T BF	14,000	50/500
CW4S-1002016	100 × 2 × 16	WA46T BF	14,000	50/500
CW6D-1051016	105 × 1 × 16	WA60T BF2	14,600	50/500
CW4D-1252022	125 × 2 × 22	WA46T BF2	12,000	50/200
CW4D-1502022	150 × 2 × 22	WA46T BF2	10,200	50/200
CW3D-1503022	150 × 3 × 22	WA36S BF2	10,200	50/200
CW3D-1803022	180 × 3 × 22	WA36S BF2	8,500	25/100
CW3D-2303022	230 × 3 × 22	WA36S BF2	6,600	50/50

02 LARGE DIAMETER WHEELS

305–405 mm



Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
CW3S-3053025	305 × 3 × 25.4	WA36S BF	5,100	0/25
CW3S-3553025	355 × 3 × 25.4	WA36S BF	4,400	0/25
CW3S-4053025	405 × 3 × 25.4	WA36S BF	3,800	0/25

GRINDING WHEELS

GENERAL PURPOSE

Made with durable aluminum oxide, our general-purpose grinding wheels are designed for shaping and smoothing steel, iron, and other ferrous metals. They deliver consistent material removal and reliable performance for demanding workshop and industrial applications.

MATERIALS | ferrous metals · steel · iron

TYPE | T-27

01 METAL GRINDING

58–230 mm |  | 

Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
GA2D-0584010	58 × 4 × 10	A24S BF2	25,000	25/500
GA2D-1004016	100 × 4 × 16	A24S BF2	13,700	25/200
GA2D-1006016	100 × 6 × 16	A24S BF2	13,700	25/200
GA3D-1154022	115 × 4 × 22	A36S BF2	13,300	25/200
GA2D-1156022	115 × 6 × 22	A24S BF2	13,300	25/100
GA2D-1253022	125 × 3 × 22	A24S BF2	12,000	50/200
GA2D-1256022	125 × 6 × 22	A24S BF2	12,000	25/100
GA2D-1506022	150 × 6 × 22	A24S BF2	10,200	25/100
GA2D-1806022	180 × 6 × 22	A24S BF2	8,500	25/100
GA2D-2306022	230 × 6 × 22	A24S BF2	6,600	25/50

02 PIPELINE

100–180 mm |   | 

Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
GA2D-1003016	100 × 3 × 16	A24S BF2	13,700	25/200
GA2D-1153022	115 × 3 × 22	A24S BF2	13,300	50/200
GA2D-1503022	150 × 3 × 22	A24S BF2	10,200	25/100
GA2D-1803022	180 × 3 × 22	A24S BF2	8,500	25/100

GRINDING WHEELS

SPECIALIZED USE

Made with premium white aluminum oxide, our grinding wheels deliver precise, long-lasting results on stainless steel and non-ferrous metals such as aluminum. Built for demanding industrial applications, they provide durability and consistent performance under tough grinding conditions.

MATERIALS

non-ferrous metals · stainless steel

TYPE

T-27

01 SPECIALIZED METAL GRINDING

100–180 mm



Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
GW2D-1004016	100 × 4 × 16	WA24S BF2	13,700	25/200
GW2D-1006016	100 × 6 × 16	WA24S BF2	13,700	25/200
GW2D-1256022	125 × 6 × 22	WA24S BF2	12,000	25/100
GW2D-1506022	150 × 6 × 22	WA24S BF2	10,200	25/100
GW2D-1806022	180 × 6 × 22	WA24S BF2	8,500	25/100

02 SPECIALIZED PIPELINE GRINDING

100–180 mm



Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
GW2D-1003016	100 × 3 × 16	WA24S BF2	13,700	25/200
GW3D-1153022	115 × 3 × 22	WA36S BF2	13,300	50/200
GW2D-1253022	125 × 3 × 22	WA24S BF2	12,000	50/200
GW2D-1503022	150 × 3 × 22	WA24S BF2	10,200	25/100
GW2D-1803022	180 × 3 × 22	WA24S BF2	8,500	25/100

FLEXIBLE WHEELS

GENERAL PURPOSE

Our flexible grinding wheels provide precision, adaptability, and control when working on intricate shapes and contours. Built for demanding metalworking applications, they deliver lasting durability and consistent, reliable performance under tough grinding conditions.

MATERIALS | ferrous metals · steel · iron

TYPE | T-27

FLEXIBLE METAL GRINDING

100 mm |  | 

Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
FB6S-1002516	100 × 2.5 × 16	AC60	13,700	25/200
FB8S-1002516	100 × 2.5 × 16	AC80	13,700	25/200
FB1S-1002516	100 × 2.5 × 16	AC100	13,700	25/200

FLEXIBLE WHEELS

SPECIALIZED USE

Designed for stainless steel and non-ferrous metals such as aluminum, our flexible grinding wheels provide precise, controlled grinding on curved surfaces and detailed contours. They deliver consistent grinding performance and durability for demanding industrial applications.

MATERIALS

non-ferrous metals · stainless steel

TYPE

T-27

SPECIALIZED FLEXIBLE GRINDING

100 mm





Catalog Number	Size (mm)	Spec	Max RPM	Box/Ctn
FW6S-1002516	100 × 2.5 × 16	WA60	13,700	25/200
FW8S-1002516	100 × 2.5 × 16	WA80	13,700	25/200
FW1S-1002516	100 × 2.5 × 16	WA100	13,700	25/200



Your Partner in Precision and Performance

Our range of grinding and cutting solutions is engineered for reliability and precision, offering consistent performance across a wide variety of applications. Whether you're tackling general-purpose projects or specialized tasks, our products deliver the results you need.

Why Choose Us?

Uncompromising Quality for lasting performance

Versatile Solutions to meet diverse industrial demands

Proven Reliability in even the most challenging environments

Discover More

For detailed product information and to explore our full range of solutions, visit us at www.kenlonabrasive.com

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