



JOEWEU

THE CUTTING EDGE

JOEWELL HISTORY

2017 100th anniversary





1921

Start of manufacturing haircutting scissors

1975

1917

Founding of Tokosha Co., Ltd.

Toyosaku Inoue, the founder of the company was born in 1894 in Tanushimaru, Kurume city, Fukuoka, Japan. The company was established in 1917 under the name TOKOSHA Company in Tokyo, originally manufacturing medical cutting tools at the time of the start-up.

Manufacturing scissors for barbers was started in 1921. As this year was the year of the Rooster, the company took the Rooster as its trademark, establishing its position as a maker of scissors for barbers.

At the time, Japanese barbers were known to be professionals and paid great attention to the scissors as their primary tool to deliver performance. Our preparation and effort to meet this market requirement was the driving factor which led our company to export our products overseas, and to be considered as one of the top brands of the world.

The JOEWELL brand was established in 1975 as the premium scissor manufacturer to the beauty salons. Through exporting our products overseas, it quickly positioned itself as the number one brand in Japan. The start of our business overseas in countries such as the United-States, Europe, and Asia taught us to develop products which were specially designed to meet individual market needs. With a product line of over 200 models, JOEWELL is a brand loved by hair stylists around the world.



Start of "Joewell" brand and overseas expansion





TO YOUR CREATIVITY

HANDMADE IN JAPAN

Iwate Factory in Japan

Our pride is our factory equipped with our state of the art equipment which is the largest of its kind dedicated to manufacturing hair cutting scissors in Japan. Our objective to increase customer satisfaction with our new product starts with the review of the design, calculation process, setting standard requirements for our manufacturing line through to our quality control process, all with the goal to provide the best suited, best product for the customer.







Computer Control & Handmade

Our use of computer generated models to control our manufacturing process allows us to refine the blade and combine the faces to minimize precision deviation. The final touch in our manufacturing process to combine the blades is done by hand through experienced and skilled craftsmen.

Research & Development

Our products are the end results of numerous monitoring of hair stylists, in depth research of their needs coupled with review of the basic elements which led to the creation of the development and research group today. To ensure our customers are satisfied and willing to purchase our products, the Research and Development group reviews the data in an objective and unbiased process to develop an evaluation standard which will meet the most demanding customer requirement in the market.

Professional Staff

- President and Scissors' Doctor -KENJI INOUE (Doctor of Philosophy of Engineering)
- Master Craftsman -HIROSHI KUDARA
- (Contemporary Master Craftsman Award 2011, Medal with a Yellow Ribbon 2013)



PRODUCT LIST

Page	ge Series Item		Size	Blade/Cut Ratio	Finger	Coating &			
						Hole	Material of Handle		
10	Supreme	Supreme SPM-50	Powder Metal	5.0	Sword & Flat	М			
		Supreme SPM-55	Powder Metal	5.5	Sword & Flat	м			
		Supreme SPM-60	Powder Metal	6.0	Sword & Flat	М	Nickel-less*		
		Supreme SPM-65	Powder Metal	6.5	Flat	М			
		Supreme SPM-E40	Powder Metal	40T	Flat	М			
11		Supreme SPM black-550	Powder Metal	5.5	Sword & Flat	М	Nickel-less*+		
		Supreme SPM black-600	Powder Metal	6.0	Sword & Flat	М	Black Titanium Coating		
	Black Crest	Joewell BC-50F	STAINLESS	5.0	Sword & Flat	R			
12		Joewell BC-55F	STAINLESS	5.5	Sword & Convex	R	Titanium & Rubber		
	DIACK CIEST	Joewell BC-60F	STAINLESS	6.0	Sword & Convex	R	Titaliulii & Rubbel		
		Joewell BC-40	STAINLESS	40T	35%	R			
	ZN	Joewell ZN-500	STAINLESS	5.0	Sword & Convex	М			
13		Joewell ZN-550	STAINLESS	5.5	Sword & Convex	М	Nickel-less*		
		Joewell ZN-600	STAINLESS	6.0	Sword & Convex	M			
	New Cobalt Black	New Cobalt Black 4 1/2	COBALT	4.5	Standard	R			
		New Cobalt Black 5	COBALT	5.0	Standard	R			
15		New Cobalt Black 5 1/2	COBALT	5.5	Standard	R	Black + Nickel-less*		
		New Cobalt Black 6	COBALT	6.0	Standard	R			
		New Cobalt Black 5 1/2F	COBALT	5.5	Standard	S			
		New Cobalt Black 6F	COBALT	6.0	Standard	S			
	Cobalt	Cobalt 4500	COBALT	4.5	Standard	R			
16		Cobalt 5000	COBALT	5.0	Standard	R	Nickel-less*		
		Cobalt 5500	COBALT	5.5	Standard	R			
	FX-PRO	Joewell FX-PRO 50PG	STAINLESS	5.0	Sword & Flat	R			
18		Joewell FX-PRO 55PG	STAINLESS	5.5	Sword & Flat	R	Pink Gold + Nickel-less*		
		Joewell FX-PRO 60PG	STAINLESS	6.0	Sword & Flat	R			
10		Joewell FX-PRO 50	STAINLESS	5.0	Sword & Flat	R			
		Joewell FX-PRO 55	STAINLESS	5.5	Sword & Flat	R	Nickel-less*		
		Joewell FX-PRO 60	STAINLESS	6.0	Sword & Flat	R			
19		Joewell FX-PRO 40	STAINLESS	40T	35%	R			
		Joewell FX-PRO BT50	STAINLESS	5.0	Sword & Flat	R	Black Titanium +		
		Joewell FX-PRO BT55	STAINLESS	5.5	Sword & Flat	R	Nickel-less*		
		Joewell FX-PRO BT60	STAINLESS	6.0	Sword & Flat	R R	Titanium & Rubber +		
	TR	Joewell TR-525 Joewell TR-575	STAINLESS	5.25 5.75	Sword & Flat	R	Nickel-less*		
20	C-ONE	Joewell C-ONE 55	STAINLESS	5.5	Convex Shape	R			
		Joewell C-ONE 60	STAINLESS	5.5 6.0	<u>Standard</u>	R	Nickel-less*		
	JKX	Joewell JKX-650	STAINLESS	6.5	Standard	S			
	FZ	Joewell FZ-70	STAINLESS	7.0	Sword & Convex	S-M	Regular**		
21		Joewell FB-65	STAINLESS	6.5	Convex Shape Standard	R			
	FB	Joewell FB-70	STAINLESS	7.0	Standard	R	Regular**		
	Classic Pro	Joewell Classic PRO 450	STAINLESS	4.5	Convex Shape	R			
22		Joewell Classic PRO 500	STAINLESS	5.0	Convex Shape	R	Nickel-less*		
		Joewell Classic PRO 500	STAINLESS	5.5	Convex Shape	R			
		Joewell Classic PRO 600	STAINLESS	6.0	Convex Shape	R			
				0.0					



Page	Series	ltem		Size	Blade/Cut Ratio	Finger	Coating &		
						Hole	Material of Handle		
23	Classic	Joewell 45	STAINLESS	4.5	Convex Shape	R			
		Joewell 50	STAINLESS	5.0	Convex Shape	R			
		Joewell 55	STAINLESS	5.5	Convex Shape	R	Nickel-less*		
		Joewell 60	STAINLESS	6.0	Convex Shape	R	NICKCI IC55		
		Joewell 65	STAINLESS	6.5	Convex Shape	R			
		Joewell 70	STAINLESS	7.0	Convex Shape	R			
		Joewell 75	STAINLESS	7.5	Convex Shape	R			
24	Craft	Craft CR-610	STAINLESS	6.1	KATANA	R	Regular**		
		Craft CR-630	STAINLESS	6.3	KATANA	R	negulai		
	Left Handed	Joewell FX-L55	STAINLESS	5.5	Standard	R			
25		Joewell F LC-50	STAINLESS	5.0	Standard	R	Regular**		
23		Joewell F LC-55	STAINLESS	5.5	Standard	R	negulai		
		Joewell F LC-60	STAINLESS	6.0	Standard	R			
27	SNT - Volume Control	Supreme SNT-40	STAINLESS	40T	less than 5%	S	Regular**		
	Thinning	Joewell E-30	STAINLESS	30T	15%	R			
28		Joewell E-40	STAINLESS	40T	35%	R	Nickel-less*		
20		Joewell HXT-30	STAINLESS	30T	15%	R	NICKEI-IESS"		
		Joewell HXT-40	STAINLESS	40T	35%	R			
29	Texturizing	Joewell JGC-24	STAINLESS	24T	10-15%	S	Regular**		
30	Textunzing	Joewell HXG-14	STAINLESS	14T	40-50%	R	Nickel-less*		
31	80% Cut	Joewell JGC-12	STAINLESS	12T	80%	S	Regular**		
	Liberty	Liberty Control 50	STAINLESS	5.0	Standard	R			
		Liberty Control 55	STAINLESS	5.5	Standard	R			
		Liberty Control 60	STAINLESS	6.0	Standard	R			
32		Liberty Control Thinner	STAINLESS	40T	35%	R	Regular**		
		Liberty Flex 50	STAINLESS	5.0	Standard	R			
		Liberty Flex 55	STAINLESS	5.5	Standard	R			
		Liberty Flex 60	STAINLESS	6.0	Standard	R			
33	Cato	Cato 55	STAINLESS	5.5	Standard	М	Regular**		
		Cato 60	STAINLESS	6.0	Standard	М	negului		
33	Shizen	Shizen 525	STAINLESS	5.25	Standard	R	Regular**		
		Shizen 575	STAINLESS	5.75	Standard	R	negului		
34	X-Set	X-Set 525	STAINLESS	5.25	Standard	R	Regular**		
		X-Set 575	STAINLESS	5.75	Standard	R	negulai		

Material of Blade



Powder Metal Alloy Cobalt Base Alloy CBA-1 Stainless Supreme Stainless Alloy

Finger Hole R = RegularM = Medium S = Small

Nickel Contents of Handle

*Nickel-less: less than 0.6%, **Regular: about 5% Coating: less than 0.6%, Removable Finger Rest: less than 0.6%

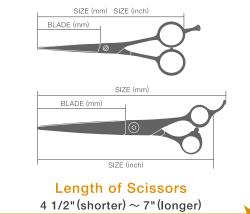
"JOEWELL" and " "?" are trademarks of Tokosha Co., Ltd. Specification is subject to change without notice. JOEWELL PRODUCT GUIDE 05

Specification of scissors

JOEWELL delivers products, which better match customer needs for more precise and consistent quality by using a uniform system from design consideration during new product development to standardization and quality control in the manufacturing process.

1.Size of scissors

The size of scissors is usually indicated in inches. The short ones are 4.5 inches, and long ones are up to about 7 inches. The indication in inches is not the length of the blade but the length from the blade edge to finger ring. Size is selected depending on the cut techniques, and popular sizes differ between countries and regions. Shorter scissors are more suitable for detailed work, and longer scissors are more suitable for powerful work. Cutting accurately in a straight line is the basic of the blunt cut and, therefore, the 5-inch to 6-inch size is the mainstream. The characteristics of long scissors enable efficient work because more hair can be cut at one time, and a higher flexibility can be achieved depending on the method of use.



 \sim more suitable for detailed work \sim more suitable for powerful work ho

2.Material

1) Material for the blade

Material for blade is one of the most important elements in the quality of scissors.

To achieve a better edge and durability, JOEWELL uses the following original blade materials.

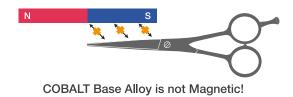
a.Supreme Stainless Alloy STAINLESS

Top quality special alloys born through the pursuit of ultra-fine composition. This material was developed from the long-term experience in manufacturing techniques and the accumulation of user comments and is suitable for hairdressing scissors. It has the best edge sharpness and durability.

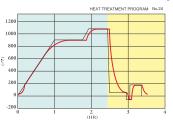
b.Cobalt Base Alloy

Based on the scarce metal cobalt, it includes chrome, tungsten, and carbon. Cobalt base alloys do not require heat treatment as the material already has hardness, which is suitable for blades. The other characteristics include chemical-resistance and rust-resistance. JOEWELL uses CBA1, which has higher hardness and longer life, and is suitable for dry hair, and CBA12, which has lower hardness and the characteristic of soft cutting.

Compared to cobalt base alloys, stainless has greater hardness but cobalt has higher wear resistance. Therefore, looking at all the elements, a cobalt base alloy has a longer life. Stainless requires heat treatment but cobalt does not. Cobalt is not magnetic; therefore, you can determine whether it is a cobalt base alloy or stainless (stainless including cobalt) by placing a magnet over the blade. Some products claiming to be cobalt are actually stainless. By placing a magnet over the blade, the material can be distinguished from a cobalt base alloy or stainless.



c.Latest heat treatment techniques

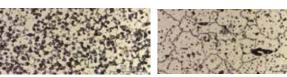


Heat treatment is applied to stainless blade materials except for cobalt base alloys. A computer-controlled, full automatic vacuum heat treatment method is adopted. It can maximize the quality of the material and achieve consistent heat treatment. JOEWELL

manufactures its products at the highest level of hardness that is practically possible, and the hardness is 15% higher than the general hardness of most of competitors' products. It produces the best edge and durability.

d. Powder Metal Alloy Powder Metal

In the usual manufacturing process of steel materials, the metal structure becomes uneven. This is because ingredients melted at high temperatures create a rough carbide. In order to solve this matter a new manufacturing process was developed, this is called 'Powder Metallurgy Processing' . In this process steel materials are baked in powder form, and the metal structure is no longer rough, but becomes smooth and fine. This means Powder Metal Alloy provides, a greater hardness and strength, excellent wear resistance, and excellent corrosion resistance.



Powder Metal Alloy

Regular Blade Material

2) Material for the handle

JOEWELL is also concerned about the handle material. We use nickelless (0.6% or less) stainless in most of our products to ensure against metal (nickel) allergies. The countermeasure against nickel allergies is specially demanded in Europe so most of JOEWELL products in Europe are nickel allergy resistant. Also, because of the hard material used, the handle is difficult to be deformed (scissors do not easily go out of tune), and its face is difficult to get scratched. Please see details of nickel contents on Page 19.

3.Design of the handle

Please select the most suitable handle shape depending on hand size, experience, and cut techniques.

1) Symmetric Handle

The symmetry of the handle design is widely appreciated as the basic style for beauty salons. Symmetric design makes it possible to use both sides of the scissors or to change the way the scissors are held for a greater degree of freedom.



Design of Handle Symmetric ~ Offset

Free to use for any haircutting techinique the ord

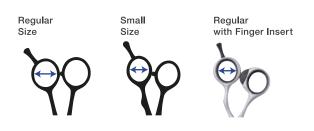
Easy to use for the ordinary blunt cut

2) Offset Handle

The length of the handle grip differs between still blade and moving blade. Offset handles easily fit the hand so the wrist, elbow, and shoulder do not tire easily when opening or closing the scissors. It is especially easy and popular for the ordinary blunt cut. Another name for this is the ergonomic handle. Various angles and designs are available in offset types so please select according to your preference.

3) The size of the finger hole

Regular, Medium and Small sizes are available. A finger ring can be attached to reduce the size of finger hole.



4.Blade shape

1) Blade setting

The convex blade is sharp for softer cutting while the flat (single bevel blade) is superior for lightweight durability because the whole blade can be designed flat. Tokosha scissors are available in four blade shapes.

a. The Standard JOEWELL Blade Flat Single Bevel Blade

This is the most popular, easy to use, and JOEWELL world standard original blade. Because this is a flat blade and the blade body is light, a lilting cut is possible. Other characteristics include a flat face that fits the hair and comb face.



b.Convex Blade

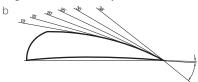
Convex Pro Blade

а

In pursuit of sharp, smooth cutting, this has the sharpest blade angle and setting. Final finishing is manually done by craftsman to achieve an artistic cutting. Because the cross section of the blade shape is large, it is powerful. Because the point of the blade is smaller than a hair, hairs will not fly about.

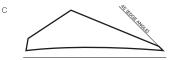
Convex Shape Blade

The Convex Shape Blade was developed by implementing the latest technology on top of the advantage of the convex blade. It maintains soft, sharp cutting and is suitable for anyone.



c.Sword Shape Blade

This type is a sword shape. The power is delivered to the point of the blade with this design.



d.Concave Blade

The new Concave blade with a keen edges achieves a sharp cutting performance.

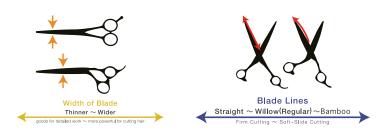


2) Width of blade

Various blade widths are available. With the wider blade, it is more powerful for cutting hair, and the cut is light. Those with a thin blade point are suitable for detailed work.

3) Blade lines

Various blade lines are available from straight to curved. Generally, the straighter blade is called a straight blade, the ordinary one is called a willow blade, and the curved one is called a bamboo leaf blade. JOEWELL designs blade lines according to the characteristic of each item. The straighter the blade, the easier it is to hold hair for cutting without having the hair slide. The bigger the curve, the greater the amount of hair that will slide when cutting for a smooth, soft cut. The bamboo leaf blade type, which has the biggest curve, is suitable for slide cuts and slicing.



5.Screw on the scissors

Flat screws will not hinder cutting because it has no bulge. Adjustable screws can easily be adjusted to suit your preference.

1) Precision Flat Screw

This is an ultra-precise NC manufacturing screw with little looseness. Because this screw is flat, it does not hinder the comb when cutting and can be adjusted with a coin (with 1.7 mm or less thickness).



2) Thin Adjustable Screw

The fine screw thread in the 0.35mm size makes fine tuning possible, and the locking and tension functions prevent loosening. By embedding a part of the screw, a more compact design was achieved.

3) Dry Bearing Screw System

The dry bearing screw system is applied at the screw part to pursue smooth opening/closing operation. The solid lubricated pivot point contact and the dry bearing are made of resin. The features are light, smooth opening/closing operation, maintenance free, lightweight, and thin body.

6.Removable Finger Rest

This is finger rest with washer, which does not easily come off, is removable and easy to use. Fitness to fingers was taken into consideration in the design.

7.Serial Number

Each product has unique serial number, which is utilized for quality control and after-sales service management.









JOEWELL PRODUCT GUIDE 07



Joewell Supreme SPM





Joewell SPM Series - Winner of iF Design Award 2018

Joewell SPM series has been awarded iF Design Award 2018. iF Design Award is one of the top three design awards in the world. SPM series won over the 63-member jury, made up of independent experts. Over 6,400 entries were submitted from 54 countries for this award.

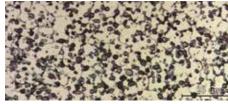
Powder Metal Alloy



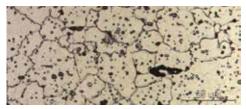
In the usual manufacturing process of steel materials, the metal structure becomes uneven. This is because ingredients melted at high temperatures create a rough carbide. In order to solve this matter a new manufacturing process was developed, this is called 'Powder Metallurgy Processing' . In this process steel materials are baked in powder form, and the metal structure is no longer rough, but becomes smooth and fine. This means Powder Metal Alloy provides;

- A greater hardness and strength = Soft cutting quality. The edge is not easily nicked.
- Excellent wear resistance = Longer cutting life. Less necessity of re-sharpening.
- Excellent corrosion resistance.
- Impact Strength 12X

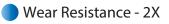
Impact strength is 12 times larger than Cobalt Base Alloy CBA-1* = Blade is not easily broken, and the edge is not easily nicked.



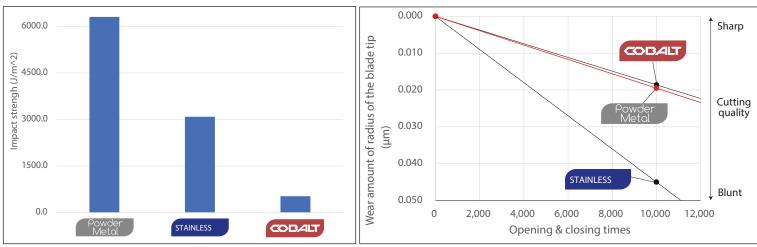
Powder Metal Alloy



Regular Blade Material



Wear resistance is more than 2 times smaller than Supreme Stainless Alloy^{*} = Expected durability is more than 2 times higher than Supreme Stainless Alloy.

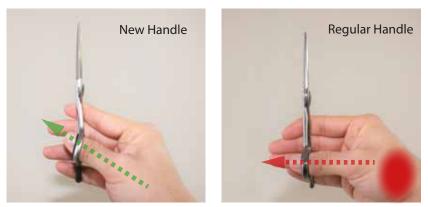


*These data were proved by in-company product tests.

3D Ergonomic Handle

3D handle fits to your hand completely. Mat surface finish provides touching comfort and non-slip effect. Finger rest covered with silicone rubber provides better grip feeling and stability when holding scissors.





Ergonomic handle for a natural movement of a thumb, fingers, and an elbow. Easy to hold scissors in a comfortable position with little burden on a hand and an elbow.

JOEWELL PRODUCT GUIDE 09



Powder Metal Alloy Dry Bearing Screw System Permanent Finger Rest 40 teeth Art.No. 0101



Supreme SPM black





Powder Metal Alloy & 3D ergonomic handle.





Supreme SPM-60 black

Dry Bearing Screw System

Art.No. 01994

Permanent Finger Rest Covered with Silicone Rubber

Size: 6.0" Blade: 71 mm Weight: 48.0g Size of Finger Hole: Medium Sword & Flat Blade Powder Metal Alloy With black titanium coating Dry Bearing Screw System Permanent Finger Rest Covered with Silicone Rubber Art.No. 01995



Ergonomic handle & Black rubber coated handle.



STAINLESS

Joewell BC-50F

Size: 5.0" Blade: 48mm Weight: 45.3g Size of Finger Hole: Regular (L) Sword & Convex Blade Supreme Stainless Alloy, Dry Bearing Screw System with Silver Screw Cover, Removable Finger Rest Black Titanium & Rubber Coated Handle Art.No. 01960

Joewell BC-55F

Size: 5.5" Blade: 55mm Weight: 48.5g Size of Finger Hole: Regular (L) Sword & Convex Blade Supreme Stainless Alloy, Dry Bearing Screw System with Silver Screw Cover, Removable Finger Rest Black Titanium & Rubber Coated Handle Art.No. 01961

Joewell BC-60F

Size: 6.0" Blade: 64mm Weight: 50.0g Size of Finger Hole: Regular (L) Sword & Convex Blade Supreme Stainless Alloy, Dry Bearing Screw System with Silver Screw Cover, Removable Finger Rest Black Titanium & Rubber Coated Handle Art.No. 01963

Joewell BC-40

40-tooth, Cut ratio: 35% Size: 5.9" Blade: 61mm Weight: 50.0g Size of Finger Hole: Regular (L) Supreme Stainless Alloy, Dry Bearing Screw System with Silver Screw Cover, Removable Finger Rest Black Titanium & Rubber Coated Handle Art.No. 01962



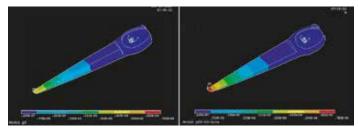
Black Titanium & Rubber Coating

Titanium and a rubber coating are applied to the handle. The characteristics are a soft touch, which cannot be achieved with metal, and a non-slip surface. Handles are coated with rubber this makes them smooth to the touch. And as there is no nickel in

The Sword Blade

The Sword blade for proving sharp cutting quality and durability. The blade is finished by an expert to pursue sharp, smooth cutting quality.

coating; it is ideal for hairdressers that sometimes suffer allergic reactions.



Computer analysis (comparison between sword blades and flat blades)



The figure shows the results of computer analysis of deformation of the blade shape when some forces are applied to the blade. When the results for the sword blade shown on the left are compared with the results for the flat blade on the right, the area colored in red at the point of the blade of the flat blade is larger than the other one. The larger area in red indicates that the shape of the blade deformed more with the same forces applied. In other words, it is observed that the sword shape blade is harder to deform and more powerful than a blade with a flat top.



Ergonomic handle & Short permanent finger rest.

Joewell ZN-500

Size: 5.0" Blade: 48mm Weight: 41.0g Size of Finger Hole: Medium Sword Blade x Convex Shape Blade Supreme Stainless Alloy Dry Bearing Screw System with Anti Scratch Diamond Like Coating on Screw Cover Permanent Short Length Finger Rest Art.No. 01983

Joewell ZN-550

Size: 5.5" Blade: 55mm Weight: 43.5g Size of Finger Hole: Medium Sword Blade x Convex Shape Blade Supreme Stainless Alloy Dry Bearing Screw System with Anti Scratch Diamond Like Coating on Screw Cover Permanent Short Length Finger Rest Art.No.01984

Joewell ZN-600

Size: 6.0" Blade: 65mm Weight: 47.0g Size of Finger Hole: Medium Sword Blade x Convex Shape Blade Supreme Stainless Alloy Dry Bearing Screw System with Anti Scratch Diamond Like Coating on Screw Cover Permanent Short Length Finger Rest Art.No. 01985



Ergonomic Designed Offset Handle with Permanent Short Length Finger Rest

An ergonomic designed, offset handle enables a comfortable and easy to use cutting position. A permanent short length finger rest gives more maneuverability, and fits to a variety of hair cutting techniques.

Dry Bearing Screw System with Diamond Like Coating on Screw Cover

A light and smooth cutting action is provided by the Dry Bearing Screw System. Anti scratch diamond like coating on screw cover.

Combination of Sword & Convex Blade

The combination of a Sword and Convex blade delivers not only a powerful cut, but an unrivaled cutting edge. Blades are made of Supreme Stainless Alloy that creates a longer scissor life.











Black Cobalt favored by top artist around the world.

Straight, thin, and narrow blade enables detailed works. Cobalt Base Alloy CBA-1 provides excellent durability.



Cobalt Base Alloy CBA-1

The cobalt base alloy CBA-1, of which more than 2.5 times durability has been proven, is applied for the blade material. Since its containing ratio is about 50%, it is very hard and has superior wear resistance.

Chemical composition of Cobalt Base Alloy CBA-1										
$Cobalt(Co) \ge 49$	9.5%	Chrome (Cr)	30%	Iron (Fe)	≦3%	Harc	Iness(HV)]		
Nickel (Ni)	≦3%	Tungsten(W)	12%	Carbon (C)	2.5%		637]		

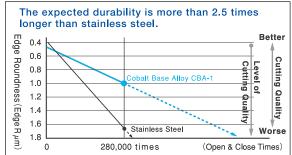
*Durability of Cobalt base alloy is based on the filed-proven data. However, it may change depending on cut technique, hair characteristics and other conditions.

Cooperative parties providing various kinds of research data:

Iwate Industrial Research Institute

Professor Motomura's office of the Course in Mechanical Engineering of the Department of Science and Engineering, Waseda University.







Size: 4.5" Blade: 40mm Weight: 27.5g Size of Finger Hole: Regular (L) The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Removable Finger Rest Black Coating Art.No. 0054

New Cobalt Black 5

Size: 5.0" Blade: 51mm Weight: 32.0g Size of Finger Hole: Regular (L) The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Removable Finger Rest Black Coating Art.No. 0055

New Cobalt Black 5 1/2

Size: 5.5" Blade: 53mm Weight: 36.5g Size of Finger Hole: Regular (L) The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Removable Finger Rest Black Coating Art.No. 0056



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New Cobalt Black 5 1/2F (Offset)

Size: 5.5" Blade: 52mm Weight: 34.5g Size of Finger Hole: Small The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Permanent Finger Rest Black Coating Art.No. 0057

New Cobalt Black 6F (Offset)

Size: 6.0" Blade: 65mm Weight: 44.0g Size of Finger Hole: Small The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Permanent Finger Rest Black Coating Art.No. 0059

New Cobalt Black 6

Size: 6.0" Blade: 64mm Weight: 40.5g Size of Finger Hole: Regular (L) The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Removable Finger Rest Black Coating Art.No. 0058





Longer cutting life acheived by Cobalt Base Alloy. Cobalt series is a best seller around the world since its debut in 1977.



Size: 5.5" Blade: 53mm Weight: 37.00 Size of Finger Hole: Regular (L) The standard JOEWELL blade Cobalt Base Alloy CBA-1 Precision Flat Screw Removable Finger Rest Art.No. 0052





FX-PRO in pink gold. FX 3D handle is designed for a natural movement of a thumb, fingers, and an elbow.



Sword & Flat Blade

The back side is Flat blade and the top side is Sword blade. It enables accurate and stable scissors operation because the flat blade face fits the comb face and hair panel.







FX-PRO in pink gold. FX 3D handle is designed for a natural movement of a thumb, fingers, and an elbow.

FX-PRO

FX-PRO



Size: 5.0" Blade: 47mm Weight: 42.5g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy Dry Bearing Screw System Screw Cover: Anti Scratch Diamond Like Coating or Skull Removable Finger Rest: Black Titanium & Rubber Coating Hard Pink Gold Coating Art.No. 01987



Joewell FX-PRO 55PG

Size: 5.5" Blade: 54mm Weight: 44.0g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy Dry Bearing Screw System Screw Cover: Anti Scratch Diamond Like Coating or Skull Removable Finger Rest: Black Titanium & Rubber Coating Hard Pink Gold Coating Art.No. 01988



Size: 6.0" Blade: 63mm Weight: 46.5g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy Dry Bearing Screw System Screw Cover: Anti Scratch Diamond Like Coating or Skull Removable Finger Rest: Black Titanium & Rubber Coating Hard Pink Gold Coating Art.No. 01989





FX 3D handle is designed for a natural movement of a thumb, fingers, and an elbow.



Joewell FX-PRO 50

Size: 5.0" Blade: 47mm Weight: 42.5g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy, Dry Bearing Screw System, Removable Finger Rest Art.No. 0161





Joewell FX-PRO 55

Size: 5.5" Blade: 54mm Weight: 44.0g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy, Dry Bearing Screw System, Removable Finger Rest Art.No. 0162





Joewell FX-PRO 60

Size: 6.0[°] Blade: 63mm Weight: 46.5g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy, Dry Bearing Screw System, Removable Finger Rest Art.No. 0163





40-tooth, Cut Ratio: 35%

Size: 6.0" Blade: 61mm Weight: 47.8g Size of Finger Hole: Regular (L) Sword & Flat Blade, Supreme Stainless Alloy, Dry Bearing Screw System Removable Finger Rest Art.No.0192





Black Titanium Coating with Skull or Joewell Screw Cover.

STAINLESS



Like the normal FX-Pro scissors on the left side, but with black titanium coating and changeable screws.



Art.No. 01791 / BT 50 Joewell Screw Art.No. 01801 / BT 55 Joewell Screw Art.No. 01811 / BT 60 Joewell Screw



Art.No. 0179 / BT 50 Skull Screw Art.No. 0180 / BT 55 Skull Screw Art.No. 0181 / BT 60 Skull Screw





Blue titanium and rubber coated handle provides better grip feeling and stability when holding scissors.



Joewell TR-525

Size: 5.25" Blade: 49mm Weight: 38.5g Size of Finger Hole: Regular (L) Convex Shape Blade Supreme Stainless Alloy Precision Flat Screw Removable Finger Rest Blue Titanium & Rubber Coated Handle Art.No. 0135

Joewell TR-575

Size: 5.75" Blade: 59mm Weight: 41.0g Size of Finger Hole: Regular (L) Convex Shape Blade Supreme Stainless Alloy Precision Flat Screw Removable Finger Rest Blue Titanium & Rubber Coated Handle Art.No. 0136

Titanium & Rubber Coated Handle

Titanium and a rubber coating are applied to the handle. The characteristics are a soft touch, which cannot be achieved with metal, and a non-slip surface. Handles are coated with rubber this makes them smooth to

the touch. And as there is no nickel in coating; it is ideal for hairdressers that sometimes suffer allergic reactions.



C-ONE



Joewell's standard model of offset handle. Easy to hold scissors in a comfortable position with little burden on a hand and an elbow.



Joewell C-ONE 55

Size: 5.5[°] Blade: 54mm Weight: 43.0g Size of Finger Hole: Reg The Standard JOEWELL Blade, Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest Art.No. 0091 Size: 6.0" Blade: 63mm Weight: 46.5g Size of Finger Hole: Regular (L) The Standard JOEWELL Blade, Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest Art.No. 0092





Long scissors with powerful sword blades. Dry Bearing System enables smooth opening and closing actions.

Joewell JKX-650

Size: 6.5" Blade: 79mm Weight: 53.0g Size of Finger Hole: Small Sword & Convex Blade Supreme Stainless Alloy, Dry Bearing Screw System, Permanent Finger Rest Art.No. 0102



Joewell's long scissors in 7.0"

Joewell FZ-70

Size: 7.0" Blade: 84mm Weight: 63.0g Size of Finger Hole: Small-Medium Convex Shape Blade Supreme Stainless Alloy Thin Adjustable Screw Permanent Finger Rest Art.No. 01471



Joewell's long scissors in 6.5" and 7.0"

Joewell FB 65 + 70

Size: 6.5" Blade: 85mm Weight: 58.0g Size: 7.0" Blade: 95mm Weight: 64.0g Ergonomic handle Extra long cutting blades Supreme Stainless Alloy Fixed Finger Rest Art.No. 0104 / 6.5" Art.No. 0105 / 7.0"





Lightweight & Smooth action. Thin and narrow blade enables detailed works.



Joewell Classic PRO 600

Size: 6.0" Blade: 68mm Weight: 36.5g Size of Finger Hole: Regular (L) Convex Shape Blade Supreme Stainless Alloy Precision Flat Screw Removable Finger Rest Art.No. 0014



Joewell Classic PRO 550

Size: 5.5" Blade: 50mm Weight: 27.5g Size of Finger Hole: Regular (L) Convex Shape Blade Supreme Stainless Alloy Precision Flat Screw Removable Finger Rest Art.No. 0013



Classic series is our standard model which made Joewell known throughout the world, and has been selling around the world for over 30 years.







Polyhedral grip 3D handle fits your hand completely. KATANA blade provides powerful and sharp cutting performance.



Polyhedral Grip 3-Dimensional Handle

New Polyhedral Grip 3D Handle assists a comfortable hair cutting & handling scissors.





Polyhedral Grip fits each fingers.



Dry Bearing Screw with Decorated Silver Plate

The dry bearing screw is applied to make smooth opening and closing operation. The solid lubricated pivot point contact and the dry bearing are made of resin. Optional Decorated Silver Plate can be changed.

KATANA Blade

Sword Shape Blade, Convex Pro Edge and Concave Shape on back of blades



Conceve Strateshape Convex Erge



Design for Easy combing in the right hand while holding scissors



Convex Edge: Create powerful & sharp cutting performance. Sword Shape: Power is delivered to the point of the blade. Concave Shape: Adjust the weight & balance of blades.



STAINLESS

Scissors exclusively for left handed.



Joewell FX-L55 (Left handed)

Size: 5.5" Blade: 54mm Weight: 44.0g Size of Finger Hole: Regular (L), The Standard JOEWELL Blade, Supreme Stainless Alloy, Thin Adjustable Screw, Removable Finger Rest Art.No. 0178



Joewell F LC-50 (Left handed)

Size: 5.0" Blade: 49mm Weight: 44.7g Size of Finger Hole: Regular (L), The Standard Joewell Blade Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest Art.No. 0008

joewell **f**



Joewell F LC-60 (Left handed)

Size: 6.0" Blade: 64.5mm Weight: 49.5g Size of Finger Hole: Regular (L), The Standard Joewell Blade Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest



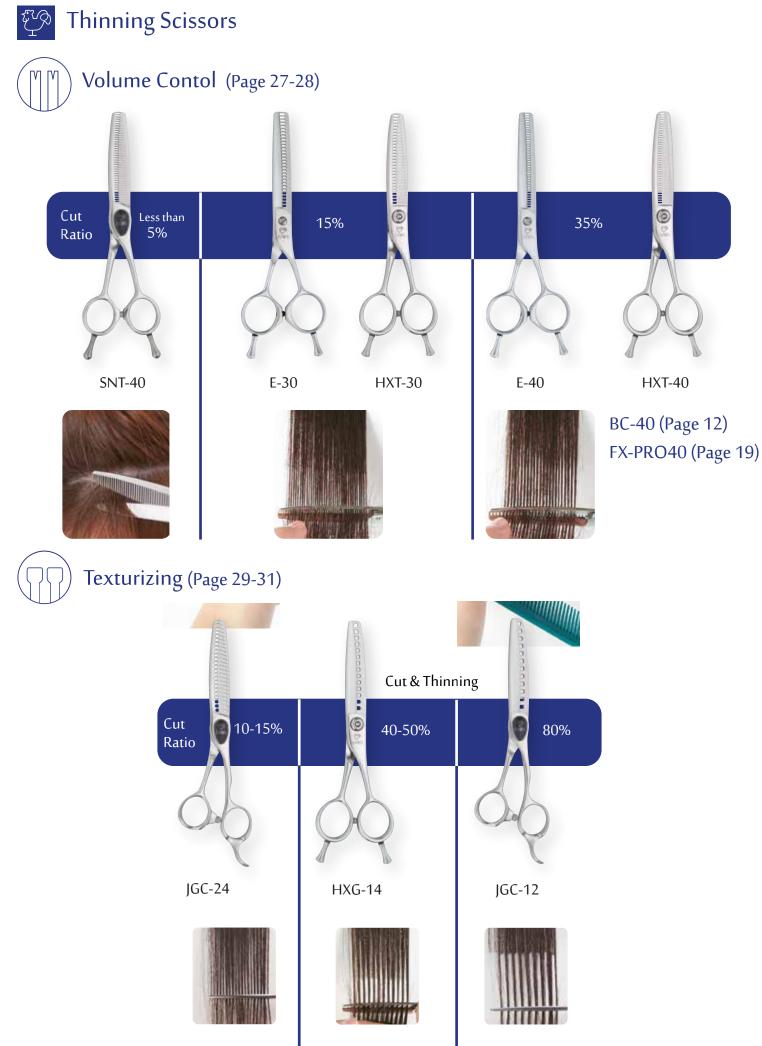
Art.No. 0010



Joewell F LC-55 (Left handed)

Size: 5.5" Blade: 56.5mm Weight: 47.5g Size of Finger Hole: Regular (L), The Standard Joewell Blade Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest Art.No. 0009









Thinner for the root of hair. Each thinning tooth cuts only one hair.





Cut only one hair without damage because of a tiny grove on the tip of thinning tooth.



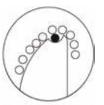


SNT-40

Regular Thinner

Enlarged photo of a hair and the tip of thinning blade.





Supreme SNT-40

40-tooth, Cut ratio: less than 5% Size: 5.9" Blade: 60mm Weight: 52.0g Size of Finger Hole: Regular (L) Supreme Stainless Alloy Dry Bearing Screw System Removable Finger Rest Art.No. 01990 Cut Ratio less than 5%





Best selling thinning scissors in Europe. E series is a basic thinner with symmetric handle.



HXT series is a convex thinner with good balance of weight and sharp cutting performance.







Thinning scissors for texture adjustment. Because of flat teeth and extended gaps, hair is easily caught and scissors can be pulled easily when inserting blades vertically or diagonally.



JGC-24, JGC-12, HXG-14





Joewell HXG-14

14-tooth, Cut Ratio 40-50% Size: 5.9" Blade: 62mm Weight: 55.5g Size of Finger Hole: Regular (L) Supreme Stainless Alloy Thin Adjustable Screw Removable Finger Rest Art.No. 01986

Cut Ratio 40-50%











JGC-24, JGC-12, HXG-14





80% "Cut & Thinning" scissors have both functions of cutting and thinning scissors. It is possible to cut short and make soft texture of hair ends at the same time.







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Joewell Liberty Control

Size of Finger Hole: Medium Ergonomic Handle The Standard JOEWELL Blade Supreme Stainless Alloy Dry Bearing Screw System Removeable Finger Rest

Size: 5.0" Blade: 51mm Weight: 48.0g Size: 5.5" Blade: 65mm Weight: 50.0g Size: 6.0" Blade: 73mm Weight: 66.0g Art.No. 01973 / 5.0" Art.No. 01974 / 5.5" Art.No. 01975 / 6.0"

Joewell Liberty Control Thinner 5.5"

Size: 5.5" Blade: 74mm Weight: 66.0g 40 teeth Size of Finger Hole: Medium Ergonomic Handle The Standard JOEWELL Blade Supreme Stainless Alloy Dry Bearing Screw System Removeable Finger Rest Art.No. 01969



Joewell Liberty Flex

Size of Finger Hole: Medium Ergonomic Handle The Standard JOEWELL Blade Supreme Stainless Alloy Dry Bearing Screw System Removeable Finger Rest With Movable Thumb Ring

Size: 5.0" Blade: 51mm Weight: 48.0g Size: 5.5" Blade: 65mm Weight: 50.0g Size: 6.0" Blade: 73mm Weight: 66.0g Art.No. 01970 / 5.0" Art.No. 01971 / 5.5" Art.No. 01972 / 6.0"







Size: 5.5" Blade: 62mm Weight: 48.0g Size: 6.0" Blade: 73mm Weight: 66.0g Size of Finger Hole: Medium Ergonomic Handle The Standard JOEWELL Blade Supreme Stainless Alloy Dry Bearing Screw System Art.No.01996 / 5.5" Art.No.01997 / 6.0"

Also available in 6.0"





Hairdressing Scissors + Feather Razor S



Available in 5.25" / 5.75"

Joewell X-Set

Size: 5.25" Blade: 54mm Weight: 56.0g Size: 5.75" Blade: 63mm Weight: 59.0g Symmetric handle The Standard JOEWELL Blade Supreme Stainless Alloy Flat screw **Removable Finger Rest** Including Feather Razor Short Art.No. 0039 / 5.25" Art.No. 0040 / 5.75"



Cutting Edge to Your Creativity

Since our establishment in 1917, Tokosha have strived to ensure that our Joewell brand has remained synonymous with definitive quality, and expertly crafted scissors. The company is known for its passion in the pursuit to provide hairdressers worldwide the ultimate cutting tools that cater for the diverse needs of all our customers. Our master craftsmen use their extensive experience, and leading technology, to provide award winning design and hand finished scissors.



JOEWEU

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