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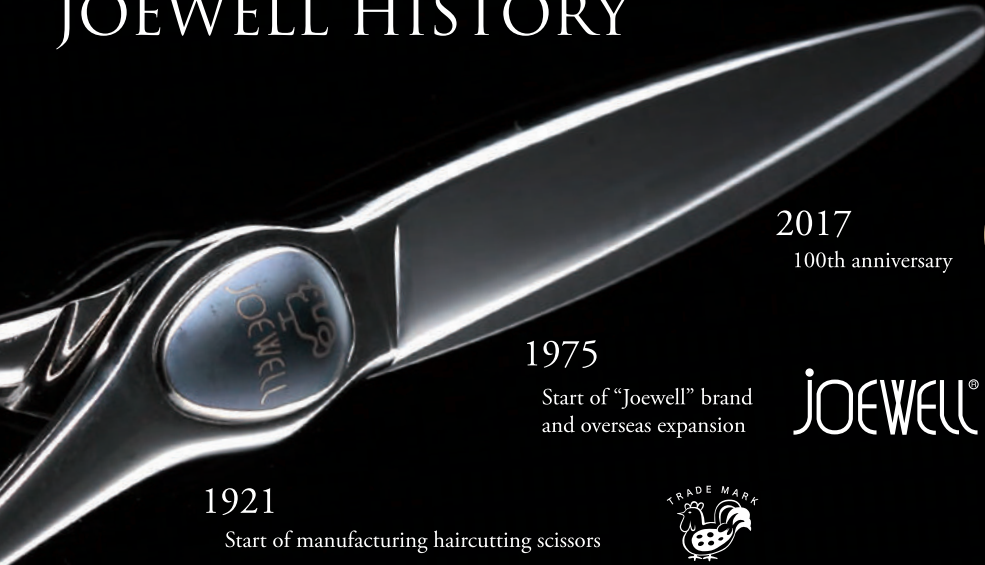
Sep, 2016

JOEWELL®
PRODUCT GUIDE 2016



CUTTING THROUGH THE NEXT CENTURY

JOEWELL HISTORY



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.

1975
Start of "Joewell" brand and overseas expansion

2017
100th anniversary



JOEWELL®

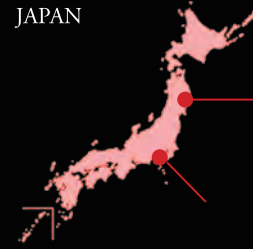


HANDMADE IN JAPAN

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.

JAPAN



JOEWELL Factory
(Iwate, Japan)

JOEWELL
Head Office
(Tokyo, Japan)



鋏
HANDMADE
IN
IWATE
JAPAN

Computer Control & Handmade

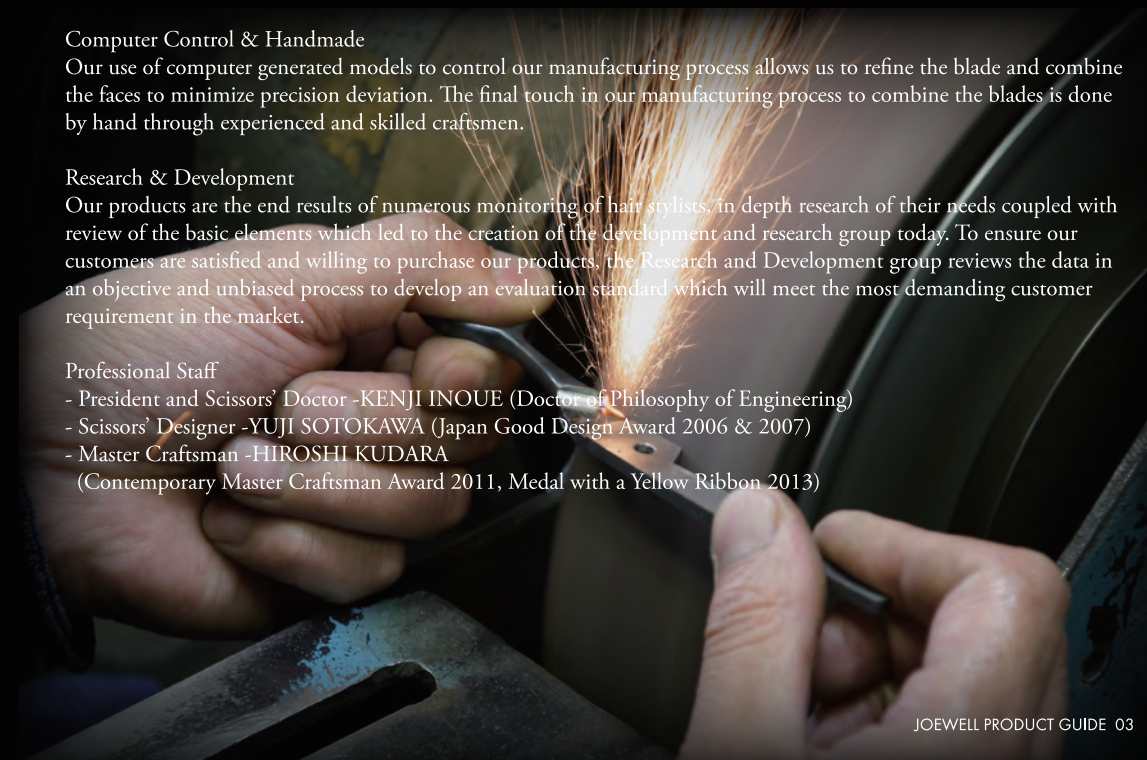
Our use of computer generated models to control our manufacturing process allows us to refine the blade and combine the faces to minimize precision deviation. The final touch in our manufacturing process to combine the blades is done by hand through experienced and skilled craftsmen.

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)
- Scissors' Designer -YUJI SOTOKAWA (Japan Good Design Award 2006 & 2007)
- Master Craftsman -HIROSHI KUDARA (Contemporary Master Craftsman Award 2011, Medal with a Yellow Ribbon 2013)



PRODUCT LIST



Page	Series	Item	Size	Blade/Cut Ratio	Finger Hole	Coating & Material of Handle	Page	Series	Item	Size	Blade/Cut Ratio	Finger Hole	Coating & Material of Handle
10		Supreme SCS-F5250PG	5.25	Sword	R	Pink Gold + Nickel-less*	25	C-ONE	Joewell C-ONE 50	5.0	Standard	R	Nickel-less*
		Supreme SCS-F5750PG	5.75	Sword	R				Joewell C-ONE 55	5.5	Standard	R	
11	Supreme	Supreme SCC-5700F	5.7	Convex PRO	S	Hard Titanium + Nickel-less*	26	C	Joewell C-550R	5.5	Convex Shape	M	Colour + Nickel-less*
		Supreme SCC-6000F	6.0	Convex PRO	S				Joewell C-600R	6.0	Convex Shape	M	
12		Supreme SCS-5250F	5.25	Sword	R	Titanium & Rubber	27	JKX	Joewell C-550W	5.5	Convex Shape	M	Nickel-less*
		Supreme SCS-5750F	5.75	Sword	R				Joewell C-600W	6.0	Convex Shape	M	
13		Supreme SCS-5500	5.5	Sword	R	Titanium & Rubber	27	FZ	Joewell C-550P	5.5	Convex Shape	M	Nickel-less*
		Joewell BC-50F	5.0	Sword	R				Joewell C-600P	6.0	Convex Shape	M	
14	Black Crest	Joewell BC-55F	5.5	Sword	R	Nickel-less*	28	Classic PRO	Joewell JKC-650	6.5	Sword	S	Nickel-less*
		Joewell BC-60F	6.0	Sword	R				Joewell FZ-70	7.0	Convex Shape	S-M	
15	ZN	Joewell BC-40	40T	35%	R	Nickel-less*	28	Classic PRO	Joewell Classic PRO 450	4.5	Convex Shape	R	Nickel-less*
		Joewell ZN-500	5.0	Sword & Convex	M				Joewell Classic PRO 500	5.0	Convex Shape	R	
16	Black Cobalt	Joewell ZN-550	5.5	Sword & Convex	M	Black + Nickel-less*	29	Classic	Joewell Classic PRO 550	5.5	Convex Shape	R	Nickel-less*
		Joewell ZN-600	6.0	Sword & Convex	M				Joewell Classic PRO 600	6.0	Convex Shape	R	
17		Cobalt 4 1/2	4.5	Standard	R	Nickel-less*	30	Craft	Joewell 45	4.5	Standard	R	Nickel-less*
		Cobalt 5	5.0	Standard	R				Joewell 50	5.0	Standard	R	
18	Cobalt	Cobalt 5 1/2	5.5	Standard	R	Nickel-less*	31	Z	Joewell 55	5.5	Standard	R	Regular**
		Cobalt 6	6.0	Standard	R				Joewell 60	6.0	Standard	R	
19	Concave Cobalt	Cobalt 5 1/2F	5.5	Standard	S	Nickel-less*	32	SDB - Curved	Joewell 65	6.5	Standard	R	Nickel-less*
		Cobalt 6F	6.0	Standard	S				Joewell 70	7.0	Standard	R	
20		Cobalt 4500	4.5	Standard	R	Nickel-less*	33	Left Handed	Craft CR-610	6.1	KATANA	S	Regular**
		Cobalt 5000	5.0	Standard	R				Craft CR-630	6.3	KATANA	S	
21	FX-PRO	Cobalt 5500	5.5	Standard	R	Black Titanium + Nickel-less*	34	Left Handed	Joewell ZII-55CX	5.5	Convex Shape	S	Regular**
		Concave Cobalt BR-525F	5.25	Concave & Flat	R				Joewell ZII-60CX	6.0	Convex Shape	S	
22		Concave Cobalt BR-575F	5.75	Concave & Flat	R	Nickel-less*	36	SNT - Volume Control	Joewell Z-55C	5.5	Standard	S	Nickel-less*
		Joewell FX-PRO 50	5.0	Sword & Flat	R				Joewell Z-60C	6.0	Standard	S	
23		Joewell FX-PRO 55	5.5	Sword & Flat	R	Pink Gold + Nickel-less*	38	Thinning	Joewell SDB-58R	5.8	Curved Bamboo Leaf	R	Nickel-less*
		Joewell FX-PRO 60	6.0	Sword & Flat	R				Joewell SDB-60R	6.0	Curved Bamboo Leaf	R	
24	TR	Joewell FX-PRO 40	40T	35%	R	Titanium & Rubber + Nickel-less*	39	Texturizing	Joewell FX-L55	5.5	Standard	R	Regular**
		Joewell FX-PRO BT50 Skull	5.0	Sword & Flat	R				Joewell LH-50	5.0	Standard	R	
25	FX	Joewell FX-PRO BT55 Skull	5.5	Sword & Flat	R	Titanium & Rubber	40	Texturizing	Joewell LH-55	5.5	Standard	R	Nickel-less*
		Joewell FX-PRO BT60 Skull	6.0	Sword & Flat	R				Joewell LH-60	6.0	Standard	R	
26		Joewell FX-PRO 50PG	5.0	Sword & Flat	R	Nickel-less*	41	Texturizing	Joewell LSF-65	6.5	Convex Shape	M	Regular**
		Joewell FX-PRO 55PG	5.5	Sword & Flat	R				Joewell LSF-70	7.0	Convex Shape	M	
27		Joewell FX-PRO 60PG	6.0	Sword & Flat	R	Nickel-less*	42	JGC - 80% Cut	Supreme SNT-40	40T	less than 5%	S	Nickel-less*
		Joewell FX-PRO 50PG Skull	5.0	Sword & Flat	R				Joewell E-30	30T	15%	R	
28		Joewell FX-PRO 55PG Skull	5.5	Sword & Flat	R	Titanium & Rubber + Nickel-less*	38	Thinning	Joewell E-40	40T	35%	R	Nickel-less*
		Joewell FX-PRO 60PG Skull	6.0	Sword & Flat	R				Joewell HXT-30	30T	15%	R	
29	TR	Joewell TR-525	5.25	Convex Shape	R	Titanium & Rubber	39	Texturizing	Joewell HXT-40	40T	35%	R	Regular**
		Joewell TR-575	5.75	Convex Shape	R				Joewell JGC-24	24T	10-15%	S	
30		Joewell TR-55C	5.5	Convex Shape	R	Nickel-less*	40	Texturizing	Joewell HXG-20	20T	15-20%	R	Nickel-less*
		Joewell TR-60C	6.0	Convex Shape	R				Joewell HXG-17	17T	25-30%	R	
31	FX	Joewell FX-50	5.0	Standard	R	Nickel-less*	41	Texturizing	Joewell HXG-14	14T	40-50%	R	Regular**
		Joewell FX-55	5.5	Standard	R				Joewell JGC-12	12T	80%	S	
32		Joewell FX-60	6.0	Standard	R	Nickel-less*	42	JGC - 80% Cut	Joewell JGC-12	12T	80%	S	Regular**

Material of Blade Supreme Stainless Alloy Cobalt Base Alloy

Finger Hole R = Regular, M = 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%

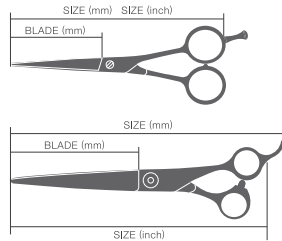
"JOEWELL" and are trademarks of Tokosha Co., Ltd. Specification is subject to change without notice.

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.



Length of Scissors

4 1/2" (shorter) ~ 7" (longer)

more suitable for detailed work ~ more suitable for powerful work

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.

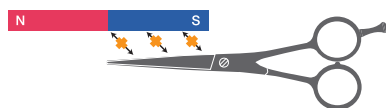
a. Supreme Stainless Alloy

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

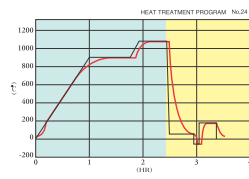
Based on the scarce metal cobalt, it includes chrome, tungsten, and carbon. Cobalt base alloys do not require heat treatment as the material already has hardness, which is suitable for blades. The other characteristics include chemical-resistance and rust-resistance. JOEWELL uses CBA1, which has higher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



COBALT Base Alloy is not Magnetic!

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.

2) Material for the handle

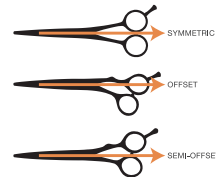
JOEWELL is also concerned about the handle material. We use nickel-less (0.6% or less) stainless in most of our products to ensure against metal (nickel) allergies. The countermeasure against nickel allergies is specially demanded in Europe so most of JOEWELL products in Europe are nickel allergy resistant. 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 technique ~ 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 slicing cut is possible. Other characteristics include a flat face that fits the hair and comb face.



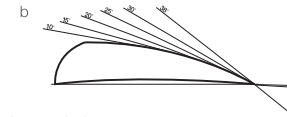
b. Convex Blade

Convex Pro Blade

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.

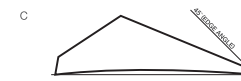
Convex Shape Blade

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.



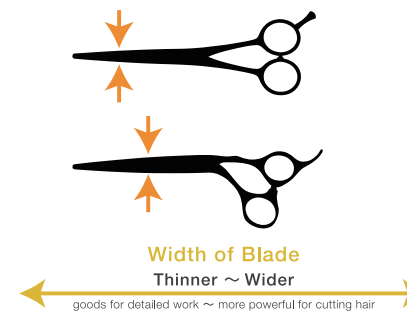
d. Concave Blade

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.



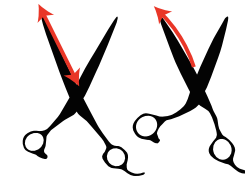
Width of Blade

Thinner ~ Wider

goods for detailed work ~ more powerful for cutting hair

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.



Blade Lines

Straight ~ Willow (Regular) ~ Bamboo

Firm Cutting ~ Soft-Slide Cutting

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.



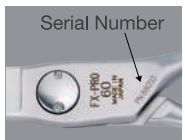
6. Removable Finger Rest

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 SUPREME

JOEWELL SUPREME applies symmetric & offset design in consideration of comfortable operation. Based on field proven data, we have thoroughly pursued sharp cutting quality and durability which are the basic performances of scissors.

With the combination of the cobalt base alloy CBA-1, the sword blade & the convex blade, and the dry bearing screw system, we have materialized superior durability that is more than 2.5 times longer than ordinary scissors and outstanding cutting quality with sharpness, smoothness, and powerfulness.

Technologies that have been accumulated by Joewell for about 100 years are integrated into JOEWELL SUPREME.



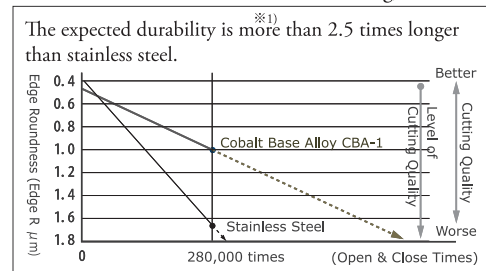
Cobalt Base Alloy CBA-1

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 cobalt containing ratio is about 50%, it is very hard and has superior wear resistance.

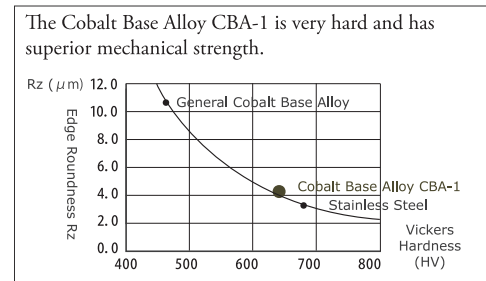
Chemical composition of Cobalt Base Alloy CBA-1

Cobalt (Co) $\geq 49.5\%$	Chrome (Cr) 30%	Iron (Fe) $\leq 3\%$	Hardness (HV) 637
Nickel (Ni) $\leq 3\%$	Tungsten (W) 12%	Carbon (C) 2.5%	

※2) Change of sharpness (roundness) of edge (experiments with the test machine for examining)



※2) Vickers hardness and change of edge roughness Rz



Japan Good Design Award



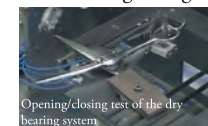
<Supreme SCC5700F & SCC6000F>
Good Design Award is operated by Japan Industrial Design Promotion Organization.

※1) 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.

※2) 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

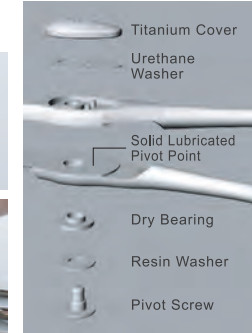
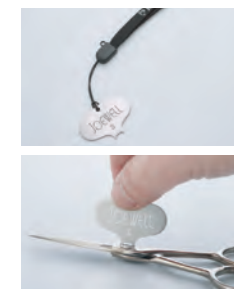
Dry Bearing Screw System

The dry bearing 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.

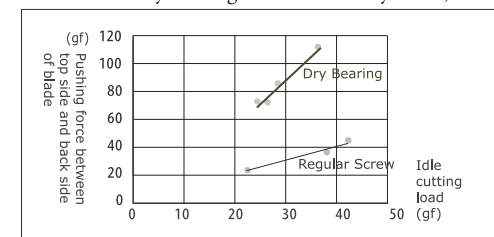


DRY BEARING SCREW SYSTEM

To make minute adjustments of the screw, special tools are required (with dedicated driver tool with a strap)



※2) Feel of the opening/closing operation (comparison between the dry bearing and the ordinary screw)



The axis of the abscissas indicates the feel when the user opens and close the scissors (idle cutting load) and the axis of the ordinates indicates the pushing force between the top side and the back side of the blade at the time of opening/closing (pushing forces between blades that are calculated from distortions on the blade). The graph indicates that the dry bearing indicated for the upper has a larger pushing force between blades even with the same feel for opening/closing (idle cutting load). It means that the dry bearing provides a light feel in opening/closing as well as powerful cutting quality.



SUPREME PINK GOLD



Supreme SCS-F5250PG

Size: 5.25" Blade: 49mm Weight: 42.0g
 Size of Finger Hole: Regular (L)
 Sword Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System
 with Silver Decorated Pink Cubic Zirconia Cover
 Removable Finger Rest with Pink Cubic Zirconia
 Pink Gold Coating



Supreme SCS-F5750PG

Size: 5.75" Blade: 56mm Weight: 46.0g
 Size of Finger Hole: Regular (L)
 Sword Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System
 with Silver Decorated Pink Cubic Zirconia Cover
 Removable Finger Rest with Pink Cubic Zirconia
 Pink Gold Coating



Special Screw Cover



SUPREME CONVEX



Supreme SCC-5700F

Size: 5.7" Blade: 57mm Weight: 49.5g
 Size of Finger Hole: Small
 Convex PRO Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System
 Permanent Finger Rest
 Hard Titanium Coated Handle



Supreme SCC-6000F

Size: 6.0" Blade: 64mm Weight: 52.0g
 Size of Finger Hole: Small
 Convex PRO Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System
 Permanent Finger Rest
 Hard Titanium Coated Handle





SUPREME SWORD OFFSET HANDLE



Supreme SCS-5250F

Size: 5.25" Blade: 49mm Weight: 42.0g
 Size of Finger Hole: Regular (L)
 Sword Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System with
 anti scratch Diamond Like Coating on
 screw cover
 Removable Finger Rest
 Hard Titanium Coating



Supreme SCS-5750F

Size: 5.75" Blade: 56mm Weight: 46.0g
 Size of Finger Hole: Regular (L)
 Sword Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System with
 anti scratch Diamond Like Coating on
 screw cover
 Removable Finger Rest
 Hard Titanium Coating



SUPREME SWORD SYMMETRIC HANDLE

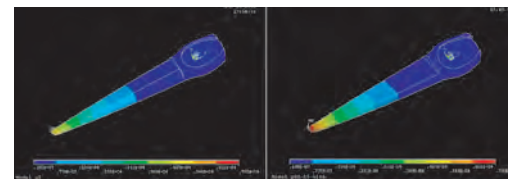


Supreme SCS-5500

Size: 5.5" Blade: 56mm Weight: 41.5g
 Size of Finger Hole: Regular (L)
 Sword Blade
 Cobalt Base Alloy CBA-1
 Dry Bearing Screw System with
 anti scratch Diamond Like Coating on
 screw cover
 Removable Finger Rest
 Hard Titanium Coating

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.



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.



BLACK CREST

Ergonomic Handle with Sword Blade & Black Rubber Coated Handle.

Joewell BC-50F

Size: 5.0" Blade: 48mm Weight: 45.3g
Size of Finger Hole: Regular (L)
Sword Blade,
Supreme Stainless Alloy,
Dry Bearing Screw System with Silver Screw Cover,
Removable Finger Rest
Black Titanium & Rubber Coated Handle



Joewell BC-55F

Size: 5.5" Blade: 55mm Weight: 48.5g
Size of Finger Hole: Regular (L)
Sword Blade,
Supreme Stainless Alloy,
Dry Bearing Screw System with Silver Screw Cover,
Removable Finger Rest
Black Titanium & Rubber Coated Handle



Joewell BC-60F

Size: 6.0" Blade: 64mm Weight: 50.0g
Size of Finger Hole: Regular (L)
Sword Blade,
Supreme Stainless Alloy,
Dry Bearing Screw System with Silver Screw Cover,
Removable Finger Rest
Black Titanium & Rubber Coated Handle



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

Cut Ratio
35%

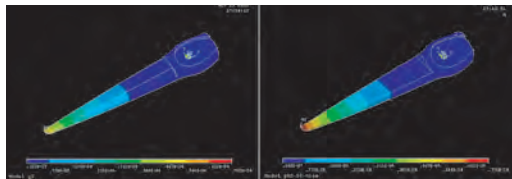
Black Titanium & Rubber Coating

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



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.



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.



ZN

Ergonomic Designed Offset Handle with Permanent Short Length 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



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



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



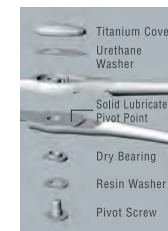
Ergonomic Designed Offset Handle with Permanent Short Length Finger Rest

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

Black Cobalt favored by top artist around the world.
Light and thin design, tough material (cobalt), and straight blade.



Cobalt Base Alloy CBA-1

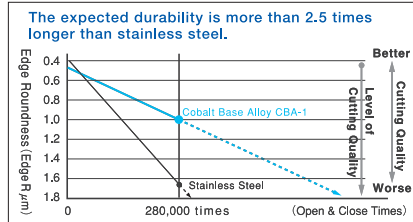
The cobalt base alloy CBA-1, of which more than 2.5 times durability has been proven, is applied for the blade material. Since its containing ratio is about 50%, it is very hard and has superior wear resistance.

Chemical composition of Cobalt Base Alloy CBA-1

Cobalt (Co) $\geq 49.5\%$	Chrome (Cr) 30%	Iron (Fe) $\leq 3\%$	Hardness(HV)
Nickel (Ni) $\leq 3\%$	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.

Change of sharpness (roundness) of edge (experiments with the test machine for examining)



Cobalt 4 1/2

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



Cobalt 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



Cobalt 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



Cobalt 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



Cobalt 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



Cobalt 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

Amazing long life achieved by Cobalt Base Alloy CBA-1.
Best selling around the world since its debut in 1977.



Cobalt 4500

Size: 4.5" Blade: 40mm Weight: 28.0g
Size of Finger Hole: Regular (L)
The standard JOEWELL blade
Cobalt Base Alloy CBA-1
Precision Flat Screw
Removable Finger Rest



Cobalt 5000

Size: 5.0" Blade: 51mm Weight: 32.5g
Size of Finger Hole: Regular (L)
The standard JOEWELL blade
Cobalt Base Alloy CBA-1
Precision Flat Screw
Removable Finger Rest



Cobalt 5500

Size: 5.5" Blade: 53mm Weight: 37.0g
Size of Finger Hole: Regular (L)
The standard JOEWELL blade
Cobalt Base Alloy CBA-1
Precision Flat Screw
Removable Finger Rest

New Designed Concave Blade.



Concave Cobalt BR-525F

Black Titanium & Rubber Coating
Size: 5.25" Blade: 49mm Weight: 39.0g
Size of Finger Hole: Regular (L)
Concave Blade
x The standard JOEWELL blade
Cobalt Base Alloy CBA-12
x Supreme Stainless Alloy
Flat Adjustable Screw
Removable Finger Rest



Concave Cobalt BR-575F

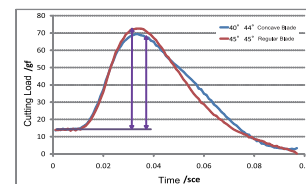
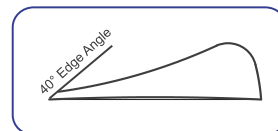
Black Titanium & Rubber Coating
Size: 5.75" Blade: 59mm Weight: 41.5g
Size of Finger Hole: Regular (L)
Concave Blade
x The standard JOEWELL blade
Cobalt Base Alloy CBA-12
x Supreme Stainless Alloy
Flat Adjustable Screw
Removable Finger Rest



Concave Blade

Concave Blade

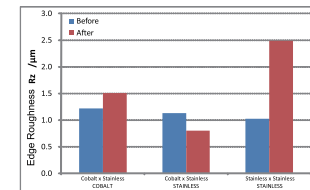
The new Concave shape blade with a keen edge achieves a sharp cutting performance.



The new Concave Cobalt scissors will cut hair very well with less effort, because the cutting load is lower than existing scissors.

Cobalt Base Alloy CBA-12 X Supreme Stainless Alloy

A combination of Cobalt Base Alloy CBA-12 and Stainless Alloy creates the long-lasting blade.



By using the blade material which differs to the inside (moving blade = Stainless Alloy) and outside (still blade = Cobalt Base Alloy CBA-12), the edge will not nick so easily.

Flat Adjustable Screw

A special tool to make minute adjustment of screw comes with scissors.



New designed FX 3 dimensional style grip with a twisted finger ring for a natural movement of thumbs, fingers, and elbow. New scissors in pursuit of "easy to hold and use". Designed with well balanced. Designed for powerful and keen cutting.



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.



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



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



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



Joewell FX-PRO 40

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



Cut Ratio
35%

Black Titanium Coating with Skull Screw Cover.

Joewell FX-PRO BT50 Skull Size: 5.0"

Joewell FX-PRO BT55 Skull Size: 5.5"

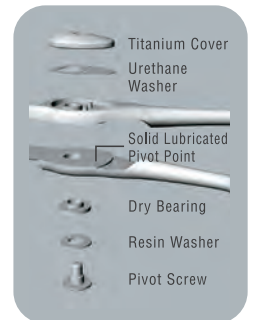
Joewell FX-PRO BT60 Skull Size: 6.0"



BT55 Skull

Dry Bearing Screw System

A light and smooth cutting action is provided by the Dry Bearing Screw System.





FX-PRO PINK GOLD

Hard Pink Gold Coating



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.



Joewell FX-PRO 50PG

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



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



Joewell FX-PRO 60PG

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



Joewell FX-PRO 50PG Skull

Size: 5.0"

Joewell FX-PRO 55PG Skull

Size: 5.5"

Joewell FX-PRO 60PG Skull

Size: 6.0"



FX-PRO 50PG Skull

Screw Covers

Two types of screw covers, Anti Scratch Diamond Like Coating or Skull are available.



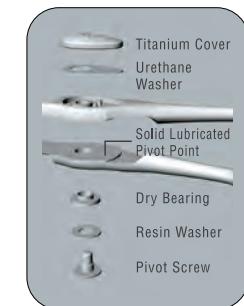
Diamond Like Coating
FX-PRO 50PG
FX-PRO 55PG
FX-PRO 60PG



Skull
FX-PRO 50PG SKULL
FX-PRO 55PG SKULL
FX-PRO 60PG SKULL

Dry Bearing Screw System

A light and smooth cutting action is provided by the Dry Bearing Screw System.





Blue titanium coating + rubber coating on handle part realized moist feel to achieve excellent feel. Nickel allergy prevented, kind to hands.



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

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



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.



Joewell TR-55C

Size: 5,5" Blade: 56mm Weight: 42,0g
Size of Finger Hole: Small
Convex Shape Blade,
Supreme Stainless Alloy
Thin Adjustable Screw
Removable Finger Rest
Blue Titanium & Rubber Coated Handle



Joewell TR-60C

Size: 6,0" Blade: 65mm Weight: 44,5g
Size of Finger Hole: Small
Convex Shape Blade
Supreme Stainless Alloy
Thin Adjustable Screw
Removable Finger Rest
Blue Titanium & Rubber Coated Handle



3D style grip. New scissors in pursuit of "easy to hold and use". Very popular model especially in US and Europe since its debut. Designed with a 3 dimensional style grip for a natural movement of thumbs, fingers and elbow. Well balanced. Designed for powerful and keen cutting.

Joewell FX-50

Size: 5,0" Blade: 44mm Weight: 43,0g Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade, Supreme Stainless Alloy,
Thin Adjustable Screw, Removable Finger Rest



Joewell FX-55

Size: 5,5" Blade: 55mm Weight: 45,0g Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade, Supreme Stainless Alloy,
Thin Adjustable Screw, Removable Finger Rest



Joewell FX-60

Size: 6,0" Blade: 64mm Weight: 47,0g Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade, Supreme Stainless Alloy,
Thin Adjustable Screw, Removable Finger Rest



JOEWELL's offset handle standard type. Its design prevents fatigue on hand and elbow, and enables soft feel.



Joewell C-ONE 55

Size: 5,5" Blade: 64mm Weight: 43,0g Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade, Supreme Stainless Alloy,
Precision Flat Screw, Removable Finger Rest



Joewell C-ONE 50

Size: 5,0" Blade: 50mm Weight: 39,5g Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade, Supreme Stainless Alloy,
Precision Flat Screw, Removable Finger Rest



Joewell C-ONE 60

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



Colour Excellence

Joewell C-550R

Size: 5.5" Blade: 56mm Weight: 44.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -Red-



C550R

Joewell C-600R

Size: 6.0" Blade: 65mm Weight: 49.0g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -Red-



Joewell C-550W

Size: 5.5" Blade: 56mm Weight: 44.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -White-



C600W

Joewell C-600W

Size: 6.0" Blade: 65mm Weight: 49.0g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -White-



Joewell C-550P

Size: 5.5" Blade: 56mm Weight: 44.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -Pink-



C600P

Joewell C-600P

Size: 6.0" Blade: 65mm Weight: 49.0g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Precision Flat Screw, Permanent Finger Rest,
Colour Coating -Pink-



Lighter and narrower designed long scissors in 6.5" with a powerful sword blade. Scissors are opened and closed smoothly by the dry bearing screw system.



Joewell JKX-650

Size: 6.5" Blade: 79mm Weight: 53.0g
Size of Finger Hole: Small
Sword Blade,
Supreme Stainless Alloy,
Dry Bearing Screw System,
Permanent Finger Rest



New long scissors with the ergonomic semi offset handle.



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



CLASSIC PRO

Light weight and smooth action. Special pointed tips - Ideal for precision cutting.
Blast process is done on handle part that a hand does not get sticky.

Joewell Classic PRO 450

Size: 4.5" Blade: 43mm Weight: 23.0g
Size of Finger Hole: Regular (L)
Convex Shape Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell Classic PRO 500

Size: 5.0" Blade: 50mm Weight: 27.5g
Size of Finger Hole: Regular (L)
Convex Shape Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



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



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



CLASSIC

This is the JOEWELL standard model, which made JOEWELL known throughout the world, has been selling around the world for over 40 years. No specific pattern and can be used for blunt cut, stroke cut and slide cut, etc.

Joewell 45

Size: 4.5" Blade: 42mm Weight: 28.0g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell 50

Size: 5.0" Blade: 48mm Weight: 32.0g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell 55

Size: 5.5" Blade: 53mm Weight: 36.5g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell 60

Size: 6.0" Blade: 65mm Weight: 41.0g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell 65

Size: 6.5" Blade: 69mm Weight: 45.5g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Joewell 70

Size: 7.0" Blade: 82mm Weight: 50.0g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade
Supreme Stainless Alloy
Precision Flat Screw
Removable Finger Rest



Beautiful and excellent design and balance. Total balance is good, easy to use, powerful, and good sharpness.



Craft CR-610

Size: 6.1" Blade: 65mm Weight: 60.5g
 Size of Finger Hole: Small
 KATANA Blade,
 Supreme Stainless Alloy,
 Dry Bearing Screw System with Decorated Silver Plate,
 Permanent Finger Rest



Craft CR-630

Size: 6.3" Blade: 70mm Weight: 63.0g
 Size of Finger Hole: Small
 KATANA Blade,
 Supreme Stainless Alloy,
 Dry Bearing Screw System with Decorated Silver Plate,
 Permanent Finger Rest

Polyhedral Grip 3-Dimensional Handle

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



Polyhedral Grip fits each fingers.



3-Dimensional Handle



Design for Easy combing in the right hand while holding scissors

Dry Bearing Screw with Decorated Silver Plate

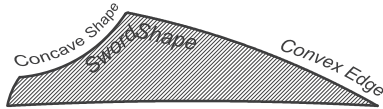
The dry bearing screw is applied to make smooth opening and closing operation. The solid lubricated pivot point contact and the dry bearing are made of resin. Optional Decorated Silver Plate can be changed.



Dry Bearing Screw System

KATANA Blade

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



KATANA Blade

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.

The Ergonomic Handle with Small Finger Hole.



Joewell ZII-55CX

Size: 5.5" Blade: 57mm Weight: 38.0g
 Size of Finger Hole: Small
 Convex Shape Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Permanent Finger Rest



Joewell ZII-60CX

Size: 6.0" Blade: 66mm Weight: 41.0g
 Size of Finger Hole: Small
 Convex Shape Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Permanent Finger Rest



Joewell Z-55C

Size: 5.5" Blade: 57mm Weight: 38.0g
 Size of Finger Hole: Small
 The Standard JOEWELL Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Removable Finger Rest



Joewell Z-60C

Size: 6.0" Blade: 66mm Weight: 41.0g
 Size of Finger Hole: Small
 The Standard JOEWELL Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Removable Finger Rest

SDB - CURVED SCISSORS

Vertically curved blade and it is easy to insert scissors vertically or diagonally.



Joewell SDB-58R

Size: 5.8" Blade: 60mm Weight: 48.0g
 Size of Finger Hole: Regular (L)
 Curved Bamboo Leaf Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Removable Finger Rest

Joewell SDB-60R

Size: 6.1" Blade: 66mm Weight: 66.0g
 Size of Finger Hole: Regular (L)
 Curved Bamboo Leaf Blade,
 Supreme Stainless Alloy,
 Thin Adjustable Screw,
 Removable Finger Rest

Curved Bamboo Leaf Blade

With Bamboo leaf blade, the greater the amount of hair that will slide when cutting for a smooth. The curved blade makes the slide cutting in concave or convex much easier. Also it is good for point cut (or chop cut), when putting the scissors vertically into the hair bundle, it matches the cutting direction.



LEFT HANDED SCISSORS

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



Joewell LH-50 (Left handed)

Size: 5.0" Blade: 49mm Weight: 34.5g
 Size of Finger Hole: Regular (L), The Standard JOEWELL Blade
 Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest



Joewell LH-55 (Left handed)

Size: 5.5" Blade: 55mm Weight: 37.0g
 Size of Finger Hole: Regular (L), The Standard JOEWELL Blade
 Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest



Joewell LH-60 (Left handed)

Size: 6.0" Blade: 64mm Weight: 42.0g
 Size of Finger Hole: Regular (L), The Standard JOEWELL Blade
 Supreme Stainless Alloy, Precision Flat Screw, Removable Finger Rest



LEFT HANDED SCISSORS

Scissors exclusively for left handed.



Joewell LSF-65 (Left handed)



Size: 6.5" Blade: 74mm Weight: 63.0g
Size of Finger Hole: Small, Convex Shape Blade
Supreme Stainless Alloy, Thin Adjustable Screw, Permanent Finger Rest



Joewell LSF-70 (Left handed)



Size: 7.0" Blade: 85mm Weight: 65.5g
Size of Finger Hole: Small, Convex Shape Blade
Supreme Stainless Alloy, Thin Adjustable Screw, Permanent Finger Rest

THINNING SCISSORS



Volume Control (P36 - P38)

Cut Ratio	Less than 5%	15%		35%	
	SNT-40	E-40	HXT-40	E-30	HXT-30
					BC-40 (P14) FX-PRO40 (P21)



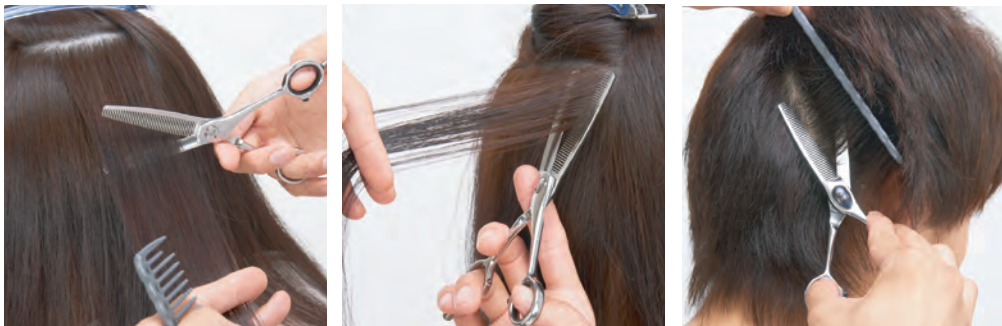
Texturizing (P39 - P42)

Cut Ratio	10-15%	15-20%	25-30%	Cut & Thinning 40-50%	80%
	JGC-24	HXG-20	HXG-17	HXG-14	JGC-12



SUPREME SNT - VOLUME CONTROL

Thinning without damage. Each thinning blade cuts only one hair.



You can control volume of hair by times of cutting hair.



Cut the root of hair to reduce volume of hair.



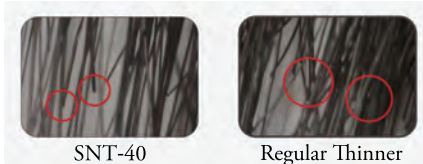
Cut the middle of hair to make volume of hair.



Cut the tip of hair to adapt hair delicately.



Cut only one hair without damage each time because of the tiny groove on the tip of thinning blade.



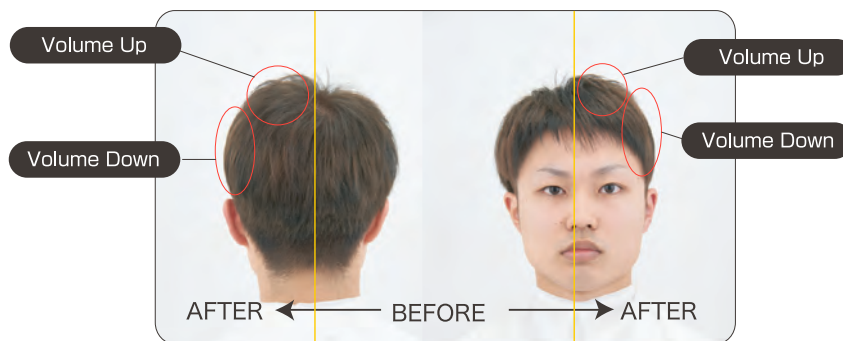
Enlarged photo of a hair and the tip of thinning blade.



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

Cut Ratio
less than 5%



E - THINNING

Symmetric handle. Finger rest can be attached and detached on both sides. E40 is the best selling model in Europe.



Joewell E-30

30-tooth, Cut ratio: 15%
 Size: 5.6" Blade: 61mm Weight: 44.0g
 Size of Finger Hole: Regular (L)
 Supreme Stainless Alloy, Precision Flat Screw,
 Removable Finger Rest



Cut Ratio
15%



Joewell E-40

40-tooth, Cut ratio: 35%
 Size: 5.6" Blade: 61mm Weight: 45.0g
 Size of Finger Hole: Regular (L)
 Supreme Stainless Alloy,
 Precision Flat Screw,
 Removable Finger Rest



Cut Ratio
35%



E30, E40,
HXT30, HXT40

HXT - CONVEX THINNING

Design with the moving blade and still blade for the appropriate weight and the sharpness enables fine, powerful cutting.



Joewell HXT-30

30-tooth, Cut Ratio about 15%
 Size: 5.9" Blade: 62mm Weight: 54.5g
 Size of Finger Hole: Regular (L)
 Supreme Stainless Alloy
 Thin Adjustable Screw
 Removable Finger Rest



Cut Ratio
15%



Joewell HXT-40

40-tooth, Cut Ratio about 35%
 Size: 5.9" Blade: 62mm Weight: 55.0g
 Size of Finger Hole: Regular (L)
 Supreme Stainless Alloy
 Thin Adjustable Screw
 Removable Finger Rest



Cut Ratio
35%

JGC - TEXTURIZING

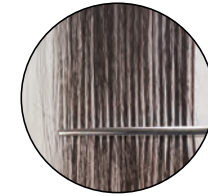
Thinning for texture adjustment. The root of thinning blade is extended and there is no groove at the top of thinning blade, so hair is easily caught and scissors can be easily pulled even when inserting the scissors vertically or diagonally.



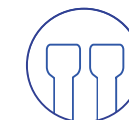
Joewell JGC-24

24-tooth, Cut Ratio: 10-15%
 Size: 6.3" Blade: 69mm Weight: 57.0g
 Size of Finger Hole: Small
 Supreme Stainless Alloy
 Dry Bearing Screw System
 Permanent Finger Rest

Cut Ratio
35%



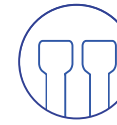
Easy to create texture of hair.
 Good for texturizing, volume out hair, and slicing.



JGC-24, JGC-12,
HXG-20, HXG-17, HXG-14

HXG - TEXTURIZING

Thinning for texture adjustment. The root of thinning blade is extended and there is no groove at the tip of thinning blade, so hair is easily caught, and scissors can be easily pulled even when inserting the scissors vertically or diagonally.



JGC-24, JGC-12,
HXG-20, HXG-17, HXG-14



Joewell HXG-20

20-tooth, Cut Ratio about 15-20%
Size: 5.9" Blade: 62mm Weight: 54.5g
Size of Finger Hole: Regular (L)
Supreme Stainless Alloy
Thin Adjustable Screw
Removable Finger Rest

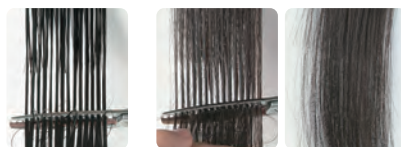
Cut Ratio
15-20%



Joewell HXG-17

17-tooth, Cut Ratio about 25-30%
Size: 5.9" Blade: 62mm Weight: 54.5g
Size of Finger Hole: Regular (L)
Supreme Stainless Alloy
Thin Adjustable Screw
Removable Finger Rest

Cut Ratio
25-30%



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

Cut Ratio
40-50%



HXG-20, HXG-17: Hair is easily caught, and scissors can be easily pulled even when inserting the scissors vertically or diagonally.



HXG-14: Making gradation

JGC - 80% CUT SCISSORS

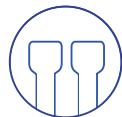
This scissors can be used as regular cutting scissors. Blunt cut, cut with vertically inserted scissors against hair bundle, and scissors over comb. Easy to make a soft finish of any hairstyles.



Joewell JGC-12

12-tooth, Cut Ratio: 80%
 Size: 6.2" Blade: 67mm Weight 58.5g
 Size of Finger Hole: Small
 Supreme Stainless Alloy
 Dry Bearing Screw System
 Permanent Finger Rest

Cut Ratio
80%



JGC-24, JGC-12,
 HXG-20, HXG-17, HXG-14

THE PROFESSIONAL EDGE

Create hair cutting scissors that are loved by hairstylists around the world. The design and functions of scissors are always required to meet the various needs of customers like hairstyle trends, the size of hand, hair type, and so on.

Through our commitment to research and development, Joewell (Tokosha) continuously works to create products that meet the needs of our customers. Our pursuit of quality never ends. We constantly seek to bring the high level of quality to our products. The high precision of our products is the result of our machine engineering ability and inherited craftsmanship. Our desire is customer satisfaction. Joewell has more than 200 models sold in total including standard model for global market and specialized models for each country. The models are loved by hairstylists around the world as the top brand of made in Japan hairdressing scissors.

