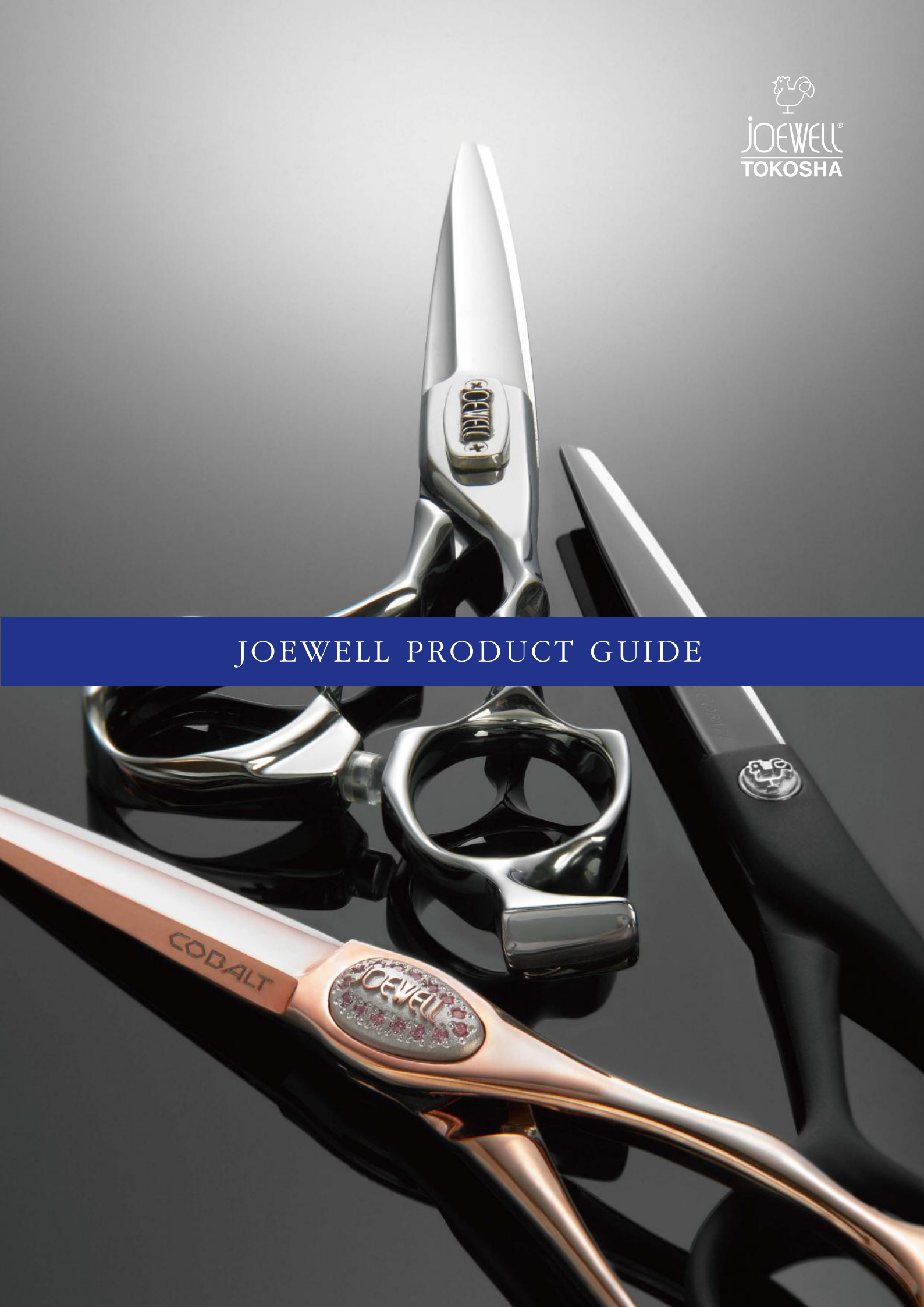
JOEWELL
TOKOSHA

JOEWELL PRODUCT GUIDE



鋏
岩手製
HANDMADE
IN
IWATE
JAPAN

THE PROFESSIONAL EDGE

The hairstyle trends - the size of the hand which holds the scissors - the difference in hair characteristics…
Scissors are always challenged by the designs and functions matching the specific needs of customers.
Through our commitment to research and development, JOEWELL TOKOSHA continuously works to create products to 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 precision of our products is the result of our machine engineering ability coupled with our detailed craftsmanship for essential components.
Our desire is customer satisfaction.
Joewell has more than 200 models sold in total including the standard model for the global market and models for each country. The models are appreciated by hairstylists around the world as the top brand of hairdressing scissors made in Japan.

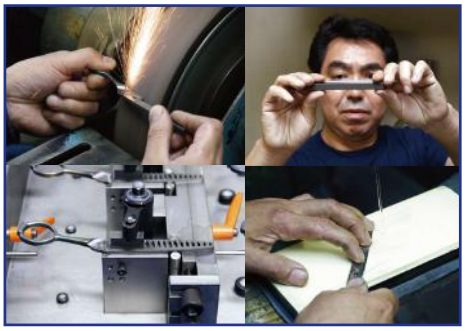
Iwate Factory

JOEWELL Factory -Iwate,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.

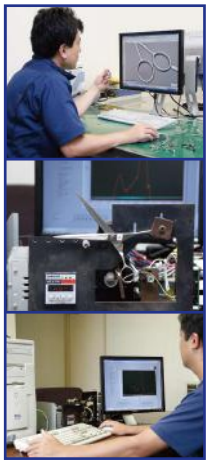
Computer control and Handmade

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 and 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.

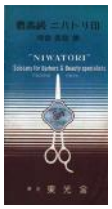


Corporate History

Toyosaku Inoue, the founder of the company was born in 1894 in Tanushimaru, Kurume city Fukuoka, Japan.

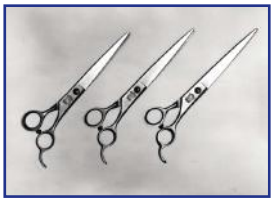
TRADE MARK
T·INOUE
TOKYO

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 1 brand in Japan.



JOEWELL®

The start of our business overseas in countries such as the United-States, Europe and Asia taught us to develop products which were specifically 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.

The Professional Staff

Master Craftman
Hiroshi KUDARA
Contemporary Master Craftsman award 2011

Scissors' Doctor
Kenji INOUE
Doctor of philosophy of Engineering

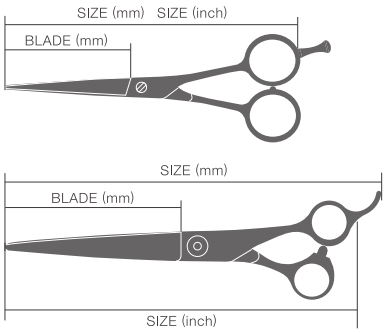
Scissors' Designer
Yuji SOTOKAWA
Japan Good Design Award 2006 & 2007

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.

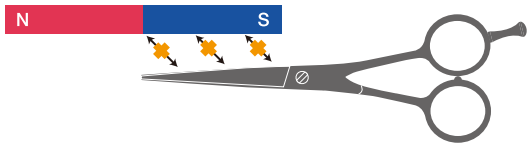
a.Supreme Stainless Alloy

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

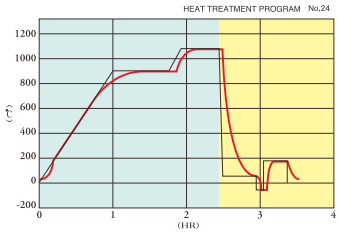
Based on the scarce metal cobalt, it includes chrome, tungsten, and carbon. Cobalt base alloys do not require heat treatment as the material already has hardness, which is suitable for blades. The other characteristics include chemical-resistance and rust-resistance. JOEWELL uses CBA1, which has higher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

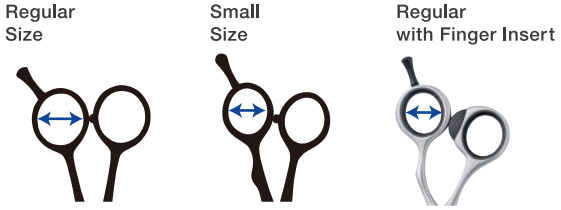
Free to use for any haircutting techinique ~ Easy to use for the ordinary blunt cut

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 and Small sizes are available. A finger ring can be attached to reduce the size of the finger hole. Please select the size according to your finger size and fitness.



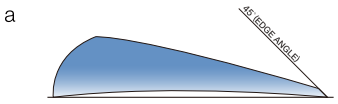
4.Blade shape

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.



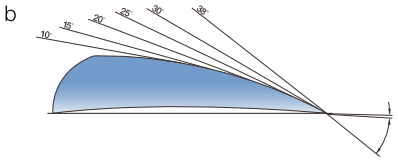
b.Convex Blade

Convex Pro Blade

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.

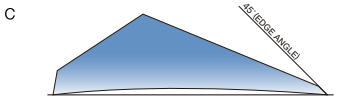
Convex Shape Blade

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.



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

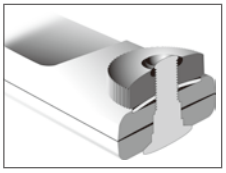
Flat screws will not hinder cutting because it has no bulge. Adjustable screws can easily be adjusted to suit your preference.

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

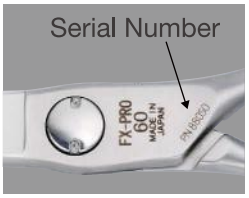
The dry bearing screw system is applied at the screw part to pursue smooth opening/closing operation. The solid lubricated pivot point contact and the dry bearing are made of resin. The features are light, smooth opening/closing operation, maintenance free, lightweight, and thin body.

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 SUPREME

JOEWELL SUPREME applies symmetric & offset design and a hard titanium coating 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*1) 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 95 years are integrated into JOEWELL SUPREME.

Good Design
GOOD DESIGN AWARD

Cobalt Base Alloy CBA-1

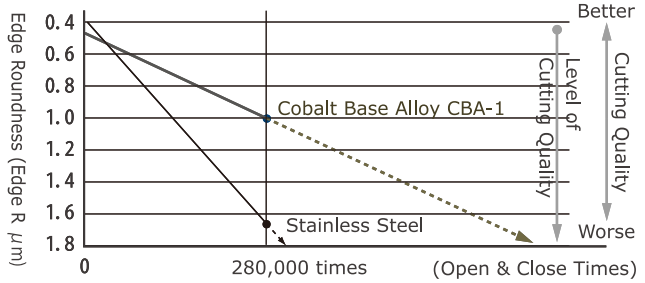
The cobalt base alloy CBA-1, of which more[※1)] than 2.5 times" durability has been proven, is applied for the blade material. Since its cobalt containing ratio is about 50%, it is very hard and has superior wear resistance.

■ Chemical composition of Cobalt Base Alloy CBA-1

Cobalt (Co) ≧49.5% Nickel (Ni) ≦3%	Chrome (Cr) 30% Tungsten (W) 12%	Iron (Fe) ≦3% Carbon (C) 2.5%	Hardness (HV) 637

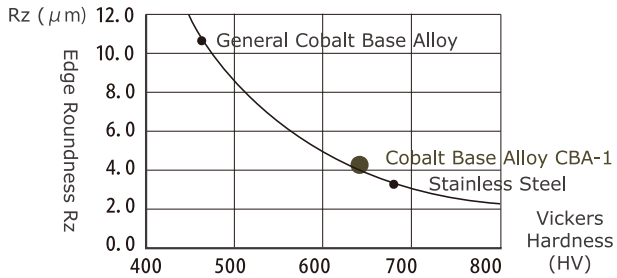
■ Change of sharpness (roundness) of edge (experiments with the test machine for examining)[※2)]

The expected durability is more[※1)] than 2.5 times longer than stainless steel.



■ Vickers hardness and change of edge roughness Rz[※2)]

The Cobalt Base Alloy CBA-1 is very hard and has superior mechanical strength.



Hard Titanium Coating

The JOEWELL SUPREME is coated with hard titanium. With this coating, it is not necessary to be conscious of metal allergies.

Japan Good Design Award

【Supreme SCC5700F & SCC6000F】 Good Design Award is operated by Japan Industrial Design Promotion Organization

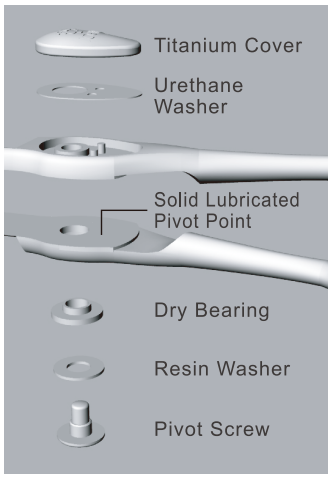
Dry Bearing Screw System

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.

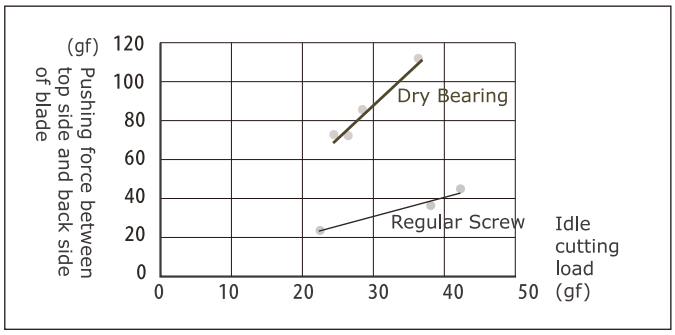

Opening/closing test of the dry bearing system

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

■ The dry bearing system



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



The axis of the abscissas indicates the feel when the user opens and closes 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.

※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

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

SUPREME CONVEX

SUPREME SCC5700F

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

Good Design
GOOD DESIGN AWARD

SUPREME SCC6000F

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

Good Design
GOOD DESIGN AWARD

SUPREME SWORD SYMMETRIC HANDLE

SUPREME SCS5000

Size: 5.0" Blade: 49mm Weight: 38.0g
Size of Finger Hole: Regular (L)
Sword Blade
Cobalt Base Alloy CBA-1
Dry Bearing Screw System
Removable Finger Rest
Hard Titanium Coating

SUPREME SCS5500

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
Removable Finger Rest
Hard Titanium Coating

SUPREME SWORD OFFSET HANDLE

SUPREME SCS5250F

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
Removable Finger Rest
Hard Titanium Coating

SUPREME SCS5750F

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
Removable Finger Rest
Hard Titanium Coating

BLACK CREST

The Ergonomic Handle with the Sword Blade & Black Rubber Coated Handle.

JOEWELL BC50F

Size: 5.0" Blade: 48mm Weight: 45.0g
Size of Finger Hole: Regular (L)
Sword Blade,
Supreme Stainless Alloy,
Dry Bearing Screw System with Silver Screw Cover,
Removable Finger Rest
Black Tianium & Rubber Coated Handle

BC50F

JOEWELL BC55F

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

BC55F

JOEWELL BC60F

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

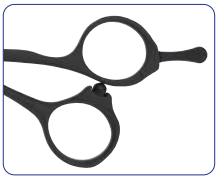
JOEWELL BC40

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

BC40

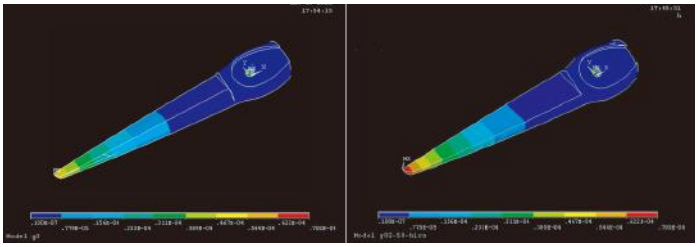
BLACK TITANIUM & RUBBER COATING

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.

CONCAVE COBALT

The New Designed Concave Blade

CONCAVE COBALT BR525F

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 BR575F

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 COBALT CC525F

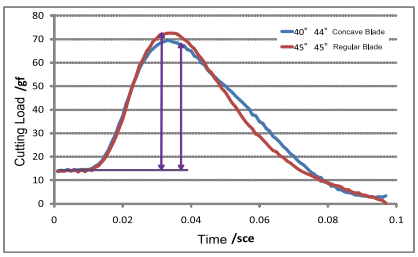
Size: 5.25" Blade: 49mm Weight: 39.0g
Size of Finger Hole: Regular (L)
Concave Blade x The standard JOEWELL blade
Cobalt Base Alloy CBA-12 x Supreme Stainless Alloy
Flat Adjustable Screw
Removable Finger Rest

CONCAVE COBALT CC575F

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

THE CONCAVE BLADE

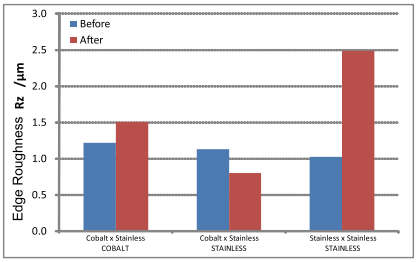
The new Concave shape blade with a keen edge achieves a sharp cutting performance.



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.

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 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.

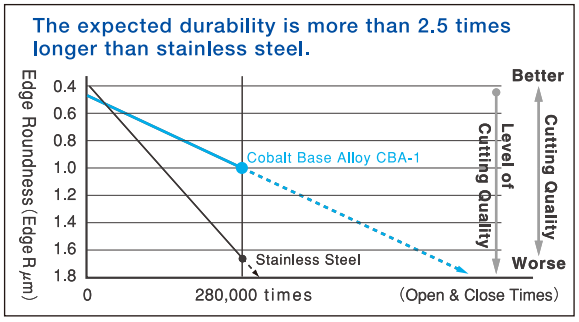
■ Chemical composition of Cobalt Base Alloy CBA-1

Cobalt (Co) ≧49.5%	Chrome (Cr) 30%	Iron (Fe) ≦3%	Hardness(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.

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



BLACK COBALT

Black Cobalt favored by top artists around the world.
Lilting design and tough material (cobalt). Best suited for dry cut (tapering). Also for blunt cut, stroke cut and slide cut etc.

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 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 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 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 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

COBALT

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

COBALT 6000

Size: 6.0" Blade: 64mm Weight: 41.5g
Size of Finger Hole: Regular (L)
The standard JOEWELL blade,
Cobalt Base Alloy CBA-1,
Precision Flat Screw,
Removable Finger Rest

COBALT 5500F (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

FX-PRO

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.

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

THE 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.

Sword Blade

Flat Blade

FX-PRO PINK NEW

Light Pink Coating

JOEWELL FX-PRO P50 (5.0")

JOEWELL FX-PRO P55 (5.5")

JOEWELL FX-PRO P60 (6.0")

FX-PRO BT SKULL

Black Titanium Coating with Skull Screw Cover

JOEWELL FX-PRO BT50 SKULL (5.0")

JOEWELL FX-PRO BT55 SKULL (5.5")

JOEWELL FX-PRO BT60 SKULL (6.0")

BT55 SKULL

FX-PRO BT SAKURA

Black Titanium Coating with Sakura Screw Cover
& Colour Stone

JOEWELL FX-PRO BT50 SAKURA SILVER (5.0")

JOEWELL FX-PRO BT55 SAKURA PINK (5.5")

JOEWELL FX-PRO BT60 SAKURA BLUE (6.0")

TR

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

JOEWELL TR525

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 TR575

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 TR55C

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 TR60C

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

FZ70 NEW

New Long Scissors with the Ergonomic Semi Offset Handle

JOEWELL FZ70

Size: 7.0" Blade: 84mm Weight: 63.0g
Size of Finger Hole: Small
Convex Shape Blade,
Supreme Stainless Alloy,
Thin Adjustable Screw,
Permanent Finger Rest

The ergonomic design has superior advantages of both symmetry and offset have been designed in consideration of the optimum balance.

FX

3D style grip. New scissors in pursuit of “easy to hold and use”.
Very popular model especially in U.S 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 FX50

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 FX55

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 FX60

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

C-ONE

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

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 55

Size: 5.5” Blade: 54mm 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 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

SZ NEW

New Designed Semi Offset Handle for a Natural Operation

自然
SHIZEN

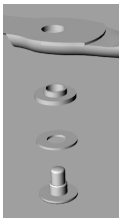
JOEWELL SZ575

Size: 5.75” Blade: 59mm Weight: 52.5g
Size of Finger Hole: Regular (L)
Convex Shape Blade,
Stainless Alloy,
Dry Bearing Screw,
Removable Finger Rest

JOEWELL SZ525

Size: 5.25” Blade: 49mm Weight: 48.5g
Size of Finger Hole: Regular (L)
Convex Shape Blade,
Stainless Alloy,
Dry Bearing Screw,
Removable Finger Rest

DRY BEARING SCREW



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.

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 35 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 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 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 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

C-SERIES Colour Excellence

C550R

JOEWELL C525R

Size: 5.25" Blade: 49mm Weight: 41.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Flat Adjustable Screw, Permanent Finger Rest
Colour Coating -Red-

JOEWELL C550R

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

JOEWELL C600R

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

C600W

JOEWELL C525W

Size: 5.25" Blade: 49mm Weight: 41.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Flat Adjustable Screw, Permanent Finger Rest
Colour Coating -White-

JOEWELL C550W

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

JOEWELL C600W

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

COATING (COLOURS)

In four vivid colours, White, Red, Blue & Pink.
A slip-resistant coating gives comfort and added safety. Colour coating on the scissors is Nickel free, to help prevent metal (nickel) allergies.
(Material: Nickel-less handle ,nickel contents: less than 0.6%)

BLADE:
CONVEX SHAPE BLADE

The Convex shape blade has been developed by implementing the latest manufacturing techniques , but still offers all the benefits of a convex blade.
It maintains soft, sharp cutting and is suitable for anyone.

SUPREME STAINLESS ALLOY

A mix of top quality special alloys, produced through the pursuit of ultra-fine composition, combine to create Joewell's legendary sharpness and durability.

SCREW

Flat Adjustable Screw
(*A special tool to make minute adjustment of screw comes with scissors.)

C-SERIES Colour Excellence

C550B

JOEWELL C525B

Size: 5.25" Blade: 49mm Weight: 41.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Flat Adjustable Screw, Permanent Finger Rest
Colour Coating -Blue-

JOEWELL C550B

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

JOEWELL C600B

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

C600P

JOEWELL C525P

Size: 5.25" Blade: 49mm Weight: 41.5g
Size of Finger Hole: Medium
Convex Shape Blade, Supreme Stainless Alloy,
Flat Adjustable Screw, Permanent Finger Rest
Colour Coating -Pink-

JOEWELL C550P

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

JOEWELL C600P

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

DESIGN

The straight line of the handle, for the ring finger & the little finger, makes a more natural fit when you hold the scissors. New shaped semi-offset handle is designed to give optimum spacing, between the thumb and ring finger, when closed.

SPECIAL PACKAGE

- Joewell Coloured Cutting Comb
- 2 Finger Inserts
- Chamois Cleaning Cloth
- Scissor Oil
- Screw Driver, for the flat adjustable screw
- Tool Case

CRAFT

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

CRAFT CR610

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 CR630

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

POLYHEDRIC GRIP 3-DIMENTIONAL HANDLE

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

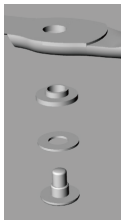
Polyhedric Grip fits each fingers.

3-Dimensional Handle

Design for Easy combing in
the right hand while holding scissors

DRY BEARING SCREW WITH DECORATED SILVER PLATE

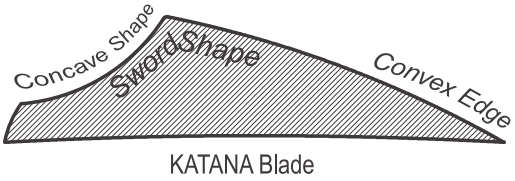
The dry bearing screw is applied to make smooth opening and closing operation.
The solid lubricated pivot point contact and the dry bearing are made of resin.
Optional Decorated Silver Plate can be changed.



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.

Z-SERIES

The Ergonomic Handle with the Sword Blade & Black Rubber Coated Handle.

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 Z55C

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 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 Z60C

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

LEFT HANDED SCISSORS

Scissors exclusively for left handed.

【FX 3D STYLE GRIP】

JOEWELL FX-L50

Size: 5.0" Blade: 47mm Weight: 41.5g
Size of Finger Hole: Regular (L)
The Standard JOEWELL Blade,
Supreme Stainless Alloy,
Thin Adjustable Screw,
Removable Finger Rest

JOEWELL FX-L55

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

【SYMMETRIC HANDLE】

JOEWELL LH50

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 LH55

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 LH60

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

CURVED SCISSORS

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

JOEWELL SDB58R

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 SDB60R

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.

E THINNING

The handle is symmetric; finger rest can be attached and detached on both sides. Joewell E40 is the best selling model in Europe.

JOEWELL E30

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

JOEWELL EF40

40-tooth with flat edge, Cut ratio: 5-10%
Size: 5.6" Blade: 61mm Weight: 45.0g
Size of Finger Hole: Regular (L)
Supreme Stainless Alloy, Precision Flat Screw,
Removable Finger Rest

JOEWELL E40

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

SUPER OIL POLYMER PIVOT POINT

Special resin and oil are attached to the touch spot so opening and closing are smoother.

【HXT & HXG】

CONVEX THINNING

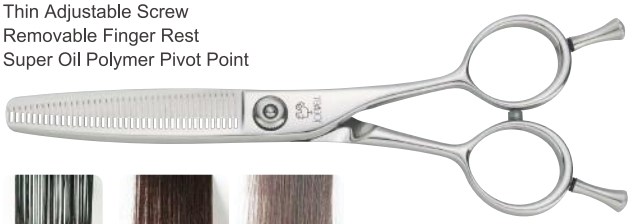
Design with the moving blade and still blade for the appropriate weight and the sharpness enables fine, powerful cutting.

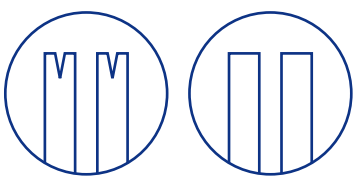
JOEWELL HXT30

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
Super Oil Polymer Pivot Point

JOEWELL HXT40

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
Super Oil Polymer Pivot Point





JOEWELL GXF40

40-tooth with flat edge, Cut Ratio 5-10%
Size: 5.9" Blade: 61mm Weight: 57.0g
Size of Finger Hole: Regular (L)
Supreme Stainless Alloy
Thin Adjustable Screw
Removable Finger Rest

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

Easy to create a texture of hair.
Texturizing, Reduce volume of hair & Slicing...
The best selling texturizing scissors
by Joewell!

JOEWELL HXG20

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
Super Oil Polymer Pivot Point

JOEWELL HXG17

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
Super Oil Polymer Pivot Point

80%-CUT SCISSORS

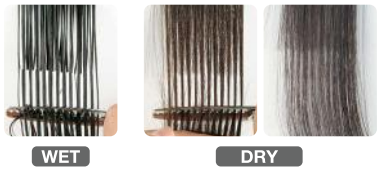
These scissors can be used as regular haircutting scissors.
Blunt cut, Cut with vertically inserted scissors against hair bundle & Scissors over comb... Easy to make a soft finish of any hairstyles.

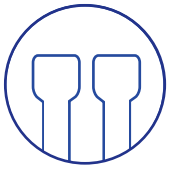
JOEWELL JGC-12

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

JOEWELL HXG14

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
Super Oil Polymer Pivot Point





JGC24, JGC12
HXG20, HXG17
& HXG14

Hair easily comes off as the root of combing blade is extended.

*Cut ratio depends on cut technique, hair characteristics, and hair conditions.

Page	Series	Item	Size	Material	Blade	Finger	Screw	Material & Coating	Page
P08 I P09	Supreme	Supreme SCS-5250PG	5.25	Cobalt Base Alloy CBA1	Sword	Regular	Dry Bearing System	Pink Gold + *Nickel-less	P08 I P09
		Supreme SCS-5750PG	5.75						
		Supreme SCC5700F	5.7		Convex PRO				
		Supreme SCC6000F	6.0						
		Supreme SCS5000	5.0		Sword			Hard Titanium + *Nickel-less	
		Supreme SCS5500	5.5						
		Supreme SCS5250F	5.25						
		Supreme SCS5750F	5.75						
P10 I P11	Black Crest	Joewell BC50F	5.0	Supreme Stainless Alloy	Sword	Regular	Dry Bearing System	Titanium & Rubber	P10 I P11
		Joewell BC55F	5.5						
		Joewell BC60F	6.0						
		Joewell BC40	40T		Thinning				
	Concave Cobalt	Concave Cobalt BR525F	5.25	Cobalt Base Alloy CBA12 + Supreme Stainless Alloy	Concave		Flat Adjustable	Titanium & Rubber + *Nickel-less	
		Concave Cobalt BR575F	5.75						
		Concave Cobalt CC525F	5.27					*Nickel-less	
		Concave Cobalt CC575F	5.75						
P12 I P13	Cobalt	Cobalt 4 1/2	4.5	Cobalt Base Alloy CBA1	Standard	Regular	Precision Flat	Black + Nickel-less	P12 I P13
		Cobalt 5	5.0						
		Cobalt 5 1/2	5.5						
		Cobalt 6	6.0						
		Cobalt 5 1/2F	5.5			Small			
		Cobalt 6F	6.0						
		Cobalt 4500	4.5			Regular		*Nickel-less	
		Cobalt 5000	5.0						
		Cobalt 5500	5.5						
		Cobalt 6000	6.0						
		Cobalt 5500F	5.5			Small			
P14 I P15	FX-PRO	Joewell FX-PRO 50	5.0	Supreme Stainless Alloy	Sword & Flat	Regular	Dry Bearing System	*Nickel-less	P14 I P15
		Joewell FX-PRO 55	5.5						
		Joewell FX-PRO 60	6.0						
		Joewell FX-PRO 40	40T		Thinning				
		Joewell FX-PRO P50	5.0					Colour + *Nickel-less	
		Joewell FX-PRO P55	5.5						
		Joewell FX-PRO P60	6.0						
		Joewell FX-PRO BT50 Skull	5.0		Sword & Flat			Black Titanium + *Nickel-lees	
		Joewell FX-PRO BT55 Skull	5.5						
		Joewell FX-PRO BT60 Skull	6.0						
		Joewell FX-PRO BT50 Sakura	5.0						
		Joewell FX-PRO BT55 Sakura	5.5						
		Joewell FX-PRO BT60 Sakura	6.0						
P16 I P17	TR	Joewell TR525	5.25	Supreme Stainless Alloy	Convex Shape	Regular	Precision Flat	Titanium & Rubber + *Nickel-less	P16 I P17
		Joewell TR575	5.75						
		Joewell TR55C	5.5				Thin Adjustable	Titanium & Rubber	
		Joewell TR60C	6.0						
	FZ70	Joewell FZ70	7.0			Small		*Nickel-less	
	FX	Joewell FX50	5.0		Standard	Regular	Precision Flat		
		Joewell FX55	5.5						
		Joewell FX60	6.0						
	C-ONE	Joewell C-ONE 50	5.0						
		Joewell C-ONE 55	5.5						
		Joewell C-ONE 60	6.0						
	SZ	Joewell SZ525	5.25	Stainless Alloy			Dry Bearing	**Regular	
		Joewell SZ575	5.75						

Page	Series	Item	Size	Material	Blade	Finger	Screw	Material & Coating	Page
P18 I P19	Classic PRO	Joewell Classic PRO450	4.5	Supreme Stainless Alloy	Convex Shape	Regular	Precision Flat	*Nickel-less	P18 I P19
		Joewell Classic PRO500	5.0						
		Joewell Classic PRO550	5.5						
		Joewell Classic PRO600	6.0						
	Classic	Joewell 45	4.5		Standard				
		Joewell 50	5.0						
		Joewell 55	5.5						
		Joewell 60	6.0						
		Joewell 65	6.5						
		Joewell 70	7.0						
P20 I P21	C-series	Joewell C525R	5.25	Supreme Stainless Alloy	Convex Shape	Medium	Flat Adjustable	Colour + *Nickel-less	P20 I P21
		Joewell C550R	5.5						
		Joewell C600R	6.0						
		Joewell C525W	5.25						
		Joewell C550W	5.5						
		Joewell C600W	6.0						
		Joewell C525B	5.25						
		Joewell C550B	5.5						
		Joewell C600B	6.0						
		Joewell C525P	5.25						
		Joewell C550P	5.5						
		Joewell C600P	6.0						
P22 I P23	Craft	Craft CR610	6.1	Supreme Stainless Alloy	KATANA	Small	Dry Bearing System	**Regular	P22 I P23
		Craft CR630	6.3						
	Z	Joewell ZII 55CX	5.5		Convex Shape		Thin Adjustable		
		Joewell ZII 60CX	6.0						
		Joewell Z55C	5.5		Standard				
		Joewell Z60C	6.0						
	Left Handed	Joewell FX-L50	5.0			Regular		*Nickel-less	
		Joewlel FX-L55	5.5				Precision Flat		
		Joewell LH50	5.0					**Regular	
		Joewell LH55	5.5						
		Joewell LH60	6.0						
	Curved	Joewell SDB58R	5.8		Curved Bamboo Leaf		Thin Adjustable	*Nickel-less	
		Joewell SDB60R	6.0						
P24 I P25	Thinning	Joewell E30	30T	Supreme Stainless Alloy	Thinning	Regular	Precision Flat	*Nickel-less	P24 I P25
		Joewell E40	40T						
		Joewell EF40	40F				Thin Adjustable		
		Joewell HXT30	30T						
		Joewell HXT40	40T						
		Joewell GXF40	40F						
		Joewell JGC24	24G			Small	Dry Bearing System	**Regular	
		Joewell JGC12	12G						
		Joewell HXG20	20G			Regular	Thin Adjustable	*Nickel-less	
		Joewell HXG17	17G						
		Joewell HXG14	14G						

Nickel contents

Material of Handle: *Nickel-less = less than 0.6%, **Regular = about 5%
Coating (Titanium Cotating, Titanium & Rubber Coating, Rubber Coating & Black Coating): less than 0.6%
Removable Finger Rest: less than 0.6%

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