

The World Sawing Specialist



ULTRA®

The World Sawing Specialist



**ULTRA®**

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THE ORIGINAL ULTRA OF FRANCE SINCE 1923

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ULTRA BI-METAL



ULTRA BI-HARD



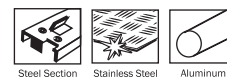
ULTRA LOW ALLOY





ULTRA®

High Speed Steel



- High Speed Steel • All hard • Wavy Set • Rigid
- Highly accurate cutting • Uniformly hardened
- High wear resistance



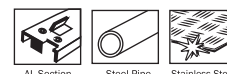
Bi Hard HSS Bimetal 8% Cobalt



- HSS Bimetal 8% Cobalt • Raker set • Shatterproof / safe cutting
- Flexibility combined with hardness • Excellent heat resistance
- Accurate and smooth cutting • Specially suited for hard steel
- Long lasting blade



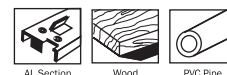
HSS Bi-Metal



- HSS Bimetal • Fully Flexible • Wavy Set
- High Quality Cut • Multipurpose Blade
- Smooth & Effortless Cutting • Shatterproof / Unbreakable



Low Alloy Steel



- Alloy steel • Wavy set • Suitable for cutting softer materials
- Flexible and versatile



Nominal Size (Length X Width X Thickness)		Teeth Per inch (TPI)
(inches)	(mm)	
12 x 1/2 x 0.025	300 x 12.5 x 0.63	14, 18, 24, 32





ULTRA®

High Speed Steel



- High Speed Steel • All hard • Rigid
- Highly accurate cutting • Uniformly hardened
- High wear resistance

HSS Bi-Metal



- HSS Bimetal • Flexible • High Quality Cut
- Multipurpose Blade • Shatterproof / Unbreakable

Low Alloy Steel



- High Carbon Steel • All hard
- Suitable for cutting softer materials

Nominal Size (Length X Width X Thickness)		Teeth Per inch (TPI)	Nominal Size (Length X Width X Thickness)		Teeth Per inch (TPI)
(inches)	(millimeters)		(inches)	(millimeters)	
12 x 1 x 0.050 (18 G)	300 x 25 x 1.25	10, 14	21 x 1½ x 0.080 (14 G)	525 x 40 x 2.00	4, 6, 10
14 x 1 x 0.050 (18 G)	350 x 25 x 1.25	6, 10, 14	22 x 1½ x 0.080 (14 G)	550 x 40 x 2.00	4, 6, 10
16 x 1 x 0.050 (18 G)	400 x 25 x 1.25	10, 14	24 x 1½ x 0.080 (14 G)	600 x 40 x 2.00	4, 6, 10
17 x 1 x 0.050 (18 G)	425 x 25 x 1.25	10, 14	24 x 1½ x 0.100 (12 G)	600 x 40 x 2.50	4, 6
18 x 1 x 0.050 (18 G)	450 x 25 x 1.25	10, 14	28 x 1½ x 0.100 (12 G)	700 x 40 x 2.50	4, 6
14 x 1¼ x 0.062 (16 G)	350 x 32 x 1.60	6, 10	30 x 1½ x 0.100 (12 G)	750 x 40 x 2.50	4, 6
16 x 1¼ x 0.062 (16 G)	400 x 32 x 1.60	6, 10	24 x 2 x 0.080 (14 G)	600 x 50 x 2.00	4, 6
17 x 1¼ x 0.062 (16 G)	425 x 32 x 1.60	6, 10	24 x 2 x 0.100 (12 G)	600 x 50 x 2.50	4, 6
18 x 1¼ x 0.062 (16 G)	450 x 32 x 1.60	6, 10	28 x 2 x 0.100 (12 G)	700 x 50 x 2.50	4, 6
18 x 1¼ x 0.080 (14 G)	450 x 32 x 2.00	4, 6, 10	30 x 2 x 0.100 (12 G)	750 x 50 x 2.50	4, 6
18 x 1½ x 0.062 (16 G)	450 x 40 x 1.60	6, 10	32 x 2 x 0.100 (12 G)	800 x 50 x 2.50	4, 6
18 x 1½ x 0.080 (14 G)	450 x 40 x 2.00	4, 6, 10	32 x 2½ x 0.100 (12 G)	800 x 55 x 2.50	4, 6
20 x 1½ x 0.080 (14 G)	500 x 40 x 2.00	4, 6, 10			





ULTRA®

55 : Robust



Heavy duty unbreakable light alloy handle • Steel bow section with storage for spare blades • One position flush cutting angle • Robust and compact frame that requires minimum storage place • Supplied with ULTRA Bi hard Cobalt Blade • Weight: 580 grams • Packaging: Boxed 10 per carton.

72 : Professional



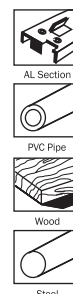
High quality ABS Handle • Steel bow section with storage for spare blades • Supplied with ULTRA Low Alloy Steel Blade • Weight: 416 grams • Packaging: Boxed 10 per carton.

miniplus BIMETAL M42 8% COBALT HOLE SAWS

ULTRA Mini Plus Bimetal M42 8% Cobalt hole saws are specifically designed for use in cutting sheet metal. These special designed hole saws offer durability while cutting holes through metal up to 3mm thickness. Complete hole saw assembly includes arbor & pilot drill.



Code (mm)	(inches)	Code (mm)	(inches)
MP 16	5/8	MP 50	1.31/32
MP 19	3/4	MP 51	2
MP 22	7/8	MP 57	2.1/4
MP 25	1	MP 60	2.3/8
MP 27	1.1/16	MP 64	2.1/2
MP 29	1.1/8	MP 68	2.11/16
MP 30	1.3/16	MP 70	2.3/4
MP 32	1.1/4	MP 76	3
MP 35	1.3/8	MP 83	3.1/4
MP 38	1.1/2	MP 90	3.9/16
MP 40	1.9/16	MP 95	3.3/4
MP 42	1.21/32	MP 100	3.15/16
MP 44	1.3/4	MP 102	4
MP 48	1.7/8		



Applications

- DIY
- Trade
- Automotive
- Electrical
- Plumbing
- Metalworking
- MRO



COBALTEGE BIMETAL M42 8% COBALT HOLE SAWS

The All New Next Generation ULTRA Cobalt Edge SCY Hole Saw comes with a State-of-Art Technology. Made from Bimetal M42 8% Cobalt, this hole saw offers top efficiency on difficult-to-machine alloys and high strength steels. It's Unique 5.5 TPI positive rake tooth form provides less torque for a smoother and faster cut in all materials. The Special Grinded Teeth provides faster cutting, longer life and removes material faster. Other advantages include - Extra Gullet for better material penetration, HSS Edge only on teeth portion thereby tooth ripping greatly reduced and a Solid Backer for greater stability, clean true holes and longer tool life.

HEAVY DUTY
COBALT



Fleen /Grinded Teeth provide faster cutting, longer life and remove material faster

HSS Edge only on teeth portion thereby tooth ripping greatly reduced

5.5 TPI Positive Rake tooth form provides less torque for a smoother, faster cut in all materials

Unique Tooth Pattern pierces metal effortlessly and taking out additional wood

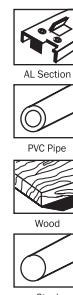
Solid Backer for greater stability, clean true holes and longer tool life

Extra Gullet volume for better material penetration



Applications:

- Machinable Metals
- Stainless Steel Alloys
- Sheet Metal
- Aluminium
- Copper
- Brass
- Plastic
- Wood
- Nail-Embedded Wood
- Engineered Wood
- Pipe
- Tubing Installations
- Door Lock Installations
- Plumbing
- Construction
- Aircraft
- Electrical
- Maintenance
- Automotive Applications



Code (mm)	(inches)	Code (mm)	(inches)	Code (mm)	(inches)	Code (mm)	(inches)	Code (mm)	(inches)
SCY 14	9/16	SCY 29	1.1/8	SCY 45		SCY 67	2.5/8	SCY 105	4.1/8
SCY 15	19/32	SCY 30	1.3/16	SCY 46	1.13/16	SCY 68	2.11/16	SCY 108	4.1/4
SCY 16	5/8	SCY 32	1.1/4	SCY 48	1.7/8	SCY 70	2.3/4	SCY 111	4.3/8
SCY 17	11/16	SCY 33	1.5/16	SCY 50	1.31/32	SCY 73	2.7/8	SCY 114	4.1/2
SCY 18	23/32	SCY 34	1.11/32	SCY 51	2	SCY 74		SCY 121	4.3/4
SCY 19	3/4	SCY 35	1.3/8	SCY 52	2.1/16	SCY 76	3	SCY 127	5
SCY 20	25/32	SCY 36	1.13/32	SCY 54	2.1/8	SCY 79	3.1/8	SCY 133	5.1/4
SCY 21	13/16	SCY 37	1.7/16	SCY 55		SCY 83	3.1/4	SCY 140	5.1/2
SCY 22	7/8	SCY 38	1.1/2	SCY 56	2.3/16	SCY 86	3.3/8	SCY 146	5.3/4
SCY 23	29/32	SCY 39		SCY 57	2.1/4	SCY 89	3.1/2	SCY 152	6
SCY 24	15/16	SCY 40	1.9/16	SCY 59	2.5/16	SCY 92	3.5/8	SCY 160	6.5/16
SCY 25	1	SCY 41	1.5/8	SCY 60	2.3/8	SCY 95	3.3/4	SCY 168	6.5/8
SCY 26	1.1/32	SCY 42	1.21/32	SCY 63	2.4/9	SCY 98	3.7/8	SCY 177	7
SCY 27	1.1/16	SCY 43	1.11/16	SCY 64	2.1/2	SCY 100	3.15/16	SCY 210	8.1/4
SCY 28	1.3/32	SCY 44	1.3/4	SCY 65	2.9/16	SCY 102	4	SCY 235	9.1/4



ULTRA®

HOLE SAW ARBORS

Arbor is the link between hole saw and drilling machine.

Type	Code ULTRA	Characteristics
	SC2 For 14-30mm	Mandrel fitted with a HSS SC 12 pilot drill. Hexagonal driving shaft 9.5 mm (3/8")
	SC3 For 32-210mm	Mandrel fitted with a HSS SC 12. Drill bit equipped with 2 locking taps. Hexagonal driving shaft 9.5 mm (3/8")

COBALTEGE BIMETAL M42 HOLE SAW KITS

A selection of sets are available to suit a variety of applications and provide the most common and popular sizes.

SCY 3836 R



SCY 3832



SCY 3851 R



SCY 3840



SCY 3835 R

Code ULTRA	Description	Accessories	Pieces
SCY 3835 R	General Purpose Holesaws: 22 - 29 - 35 - 44 - 51 - 64 mm	SC2, SC3, SC11	9
SCY 3832	Maintenance Holesaws: 16 - 21 - 25 - 32 - 40 - 51 mm	SC2, SC3, SC11, SC6	10
SCY 3851 R	Locksmith Holesaws: 21 - 24 - 27 - 32 - 35 - 38 - 43 - 54 - 60 mm	SC2, SC3, SC11, SC12	13
SCY 3831 R	Electrician Holesaws: 22 - 25 - 29 - 35 - 44 - 51 - 64 - 68 - 76 mm	SC2, SC3, SC11	12
SCY 3836 R	Elec, Maintenance Holesaws: 19 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 68 mm	SC2, SC3, SC11, SC12	13
SCY 3838 R	Plumber Holesaws: 16 - 17 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 65 - 68 mm	SC2, SC3	13
SCY 3840	Plumber & Electrician Holesaws: 19 - 22 - 25 - 29 - 32 - 35 - 38 - 44 - 51 - 57 - 60 - 65 - 67 - 76 - 83 mm	SC2, SC3, SC11, SC12	19



ULTRA FURIA

This multipurpose Bimetal M42 blade is designed to cut all kinds of steels, both ferrous and non-ferrous, in all dimensions and shapes.

Combining durability and high hardness, this bandsaw blade is suitable for industrial sawing with automatic and semi-automatic machines.

Particularly resistant to wear, this blade offers increased life when exposed to less than ideal working conditions resulting in better productivity with reduced costs.

Accurate, efficient and resistant, this blade guarantee a clean cut at a low cost.

MULTIPURPOSE

Characteristics

Highly durable and hard

Multipurpose tooth geometry

Tooth sequence designed to avoid vibrations generating noise and premature wear

Advantages

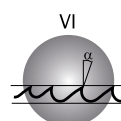
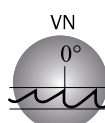
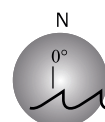
- Increased lifetime and cutting performances
- Suitable for full materials and profiles
- Better use comfort
- Sawing of a wider selection of material
- Increased lifetime



Section		Teeth per inch								
mm	pouce / inch	2	3	4	6	8	10	14	18	24
6 x 0,90	1/4x.035						■	■		
10 x 0,90	3/8x.035					■	■	■	■	
13 x 0,65	1/2x.025					■	■	■	■	■
13 x 0,90	1/2x.035				■	■	■	■	■	
20 x 0,90	3/4x.035				■	■	■	■		
27 x 0,90	1x.035				■	■	■	■		
34 x 1,10	1 1/4x.042				■					
41 x 1,30	1 1/2x.050				■					

Section		Teeth per inch								
mm	pouce / inch	3/4	4/6	5/8	6/10	8/12	10/14			
10 x 0,90	3/8x.035				■	■	■			
13 x 0,65	1/2x.025				■	■	■			
13 x 0,90	1/2x.035			■	■	■	■			
20 x 0,90	3/4x.035		■	■	■	■	■			
27 x 0,90	1x.35	■	■	■	■	■	■			
34 x 1,10	1 1/4x.042	■	■	■	■					
41 x 1,30	1 1/2x.050	■	■							

Section		Teeth per inch								
mm	pouce / inch	0.75/1.25	1.2/2	2/3	3/4	4/6	5/8	6/10	8/12	
27 x 0,90	1x.035			■	■	■	■	■		
34 x 1,10	1 1/4x.042			■	■	■				
41 x 1,30	1 1/2x.050		■	■	■	■				
54 x 1,60	2x.063	■	■	■	■	■				
67 x 1,60	2 5/8x.063	■	■	■	■					





ULTRA ALUMINIA

Concrete and effective solution for cutting aluminium, a difficult-to-work material as it tends to close up when cut.

An extra-wide notch means offering a half-passage 60% higher than that of a standard blade that prevents the aluminium from closing up after the passage of the blade.

With a variable tooth pitch Raker Group 5 (2 raker teeth / 1 neutral teeth) reduces vibration and promotes a wide range of uses.

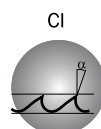


ALUMINIUM

Characteristics	Advantages
60% larger setting	➤ No more binding blades in the material during sawing operations, higher chip capacity
Raker group 5	➤ Less vibrations while cutting
M42 quality steel	➤ Greater abrasion and fatigue resistance for the blades
Positive cutting angle	➤ Less cutting efforts
Redesigned gullet	➤ Increased chip flow and easier chip evacuation



Section		Teeth per inch					
mm	pouce / inch	1.2	2	3	3/4	4/6	
20 x 0,90	3/4x.035			■			
27 x 0,90	1x.035		■	■	■	■	
34 x 1,10	1 1/4x.042	■	■	■			
41 x 1,30	1 1/2x.050	■	■				

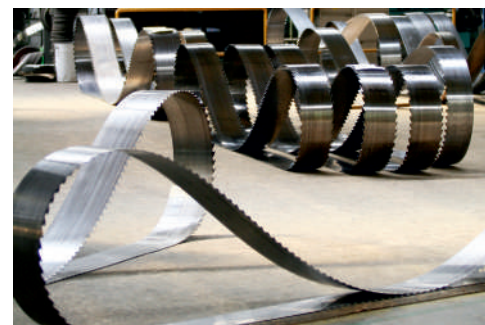


ULTRA KATANA

Made from Bimetal M42 steel with VX teething, this blade offers an unrivalled compromise between hardness and resilience.

The tooth design increases the rigidity of the blade and results in a straighter, more accurate cut. The reduced cutting angle offers greater tip sharpness, enabling optimum penetration, particularly in "sticky" materials requires less cutting effort.

Extended operating life. Ideal for cutting "sticky" and hardening materials.

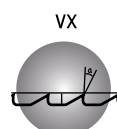


PERFORMANCE

Characteristics	Advantages
Extremely positive cutting angle	➤ Facilities cutting difficult materials and reduces the cutting effort
Flat gullet	➤ Positive cutting angle
Variable pitch	➤ Reduction of vibration resulting in an increase of life
M42 quality	➤ Hardness and toughness



Section		Teeth per inch					
mm	pouce / inch	0.75/1.25	1.2/2	2/3	3/4	4/6	
27 x 0,90	1x.035				■	■	
34 x 1,10	1 1/4x.042			■	■		
41 x 1,30	1 1/2x.050		■	■	■		
54 x 1,60	2x.063	■	■	■			
67 x 1,60	1 1/2x.063	■	■	■			





ULTRA®

ULTRA TITAN

Bimetal M51 bandsaws establish with superior alloy-steel body designed and constructed to hold heavy loads with a very high quality High Speed Steel (M51) cutting Edge. This blade offers outstanding performance in cutting and penetrating, on automatic and semi-automatic machines.

USE :

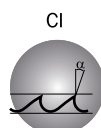
- Semi automatic machines, powerful and rigid for exceptional cutting performance
- High hardness (130 daN/nm²) high alloyed steel
- Stainless steel
- Fireproof steel
- Super alloyed steel : INCONEL-HASTELLOY-MONEL



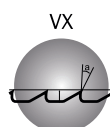
AGRESSIVITY

Characteristics	Advantages
M51 quality	➤ High hardness and abrasion resistance
VX profile	➤ Tolerates high feeding pressure, excellent penetration to reduce cutting efforts, reduced vibration

Section		Teeth per inch				
mm	pouce / inch	1,2	2	3		
34 x 1,10	1 1/4x.042		■	■		
41 x 1,30	1 1/2x.050	■	■	■		
54 x 1,60	2x.063	■	■			



Section		Teeth per inch				
mm	pouce / inch	0,7/1,2	1,2/2	2/3	3/4	4/6
27 x 0,90	1x.035			■	■	■
34 x 1,30	1 1/4x.042		■	■	■	
41 x 1,30	1 1/2x.050		■	■	■	
67 x 1,60	2 5/8x.063	■	■	■		



ULTRA CARBON

Carbon Steel Metal Cutting Bandsaw Blades are used for lighter cutting applications such as sawing slightly alloyed and non alloyed steels. The tooth-only-hardened blade is flexible and meets the requirements for contouring operations.

Section		Teeth per inch						
		Raker Set					Wavy Set	
mm	pouce / inch	4	6	8	10	14	18	24
1/4 x 0.025 (23G)	6.35 x 0.63				■	■	■	■
3/8 x 0.025 (23G)	9.53 x 0.63		■	■	■	■	■	■
1/2 x 0.025 (23G)	12.70 x 0.63		■	■	■	■	■	■
1/2 x 0.025 (23G) (SKIP)	12.70 x 0.63		■					
5/8 x 0.032 (21G)	15.88 x 0.80		■	■	■	■	■	■
3/4 x 0.032 (21G)	19.05 x 0.80	■	■	■	■	■	■	■
3/4 x 0.032 (21G) (SKIP)	19.05 x 0.80		■					
1 x 0.035 (20G)	25.40 x 0.90	■	■	■	■	■	■	■





The World Sawing Specialist



**THE ORIGINAL ULTRA OF FRANCE
SINCE 1923**

ULTRAINDIA1222



ULTRA TOOLS INDIA PRIVATE LIMITED

Registere Office : Plot No. 42, Palghar
Taluka, Ind. Co-op Estate, Boisar
Road, Palghar, Thane 401 404. INDIA

Phone : +91 22 4970 7474

Corporate Office : Plot No. 8A,
Cama Industrial Estate, Walbhat Road,
Goregaon East, Mumbai 400 063. INDIA

Fax : +91 22 4973 0505

Works: Su No. 171/2 83,
Panchal Udyog Nagar,
Bhimpore, Daman 396 210. INDIA

Email : sales@ultratools.in

www.ultratools.fr