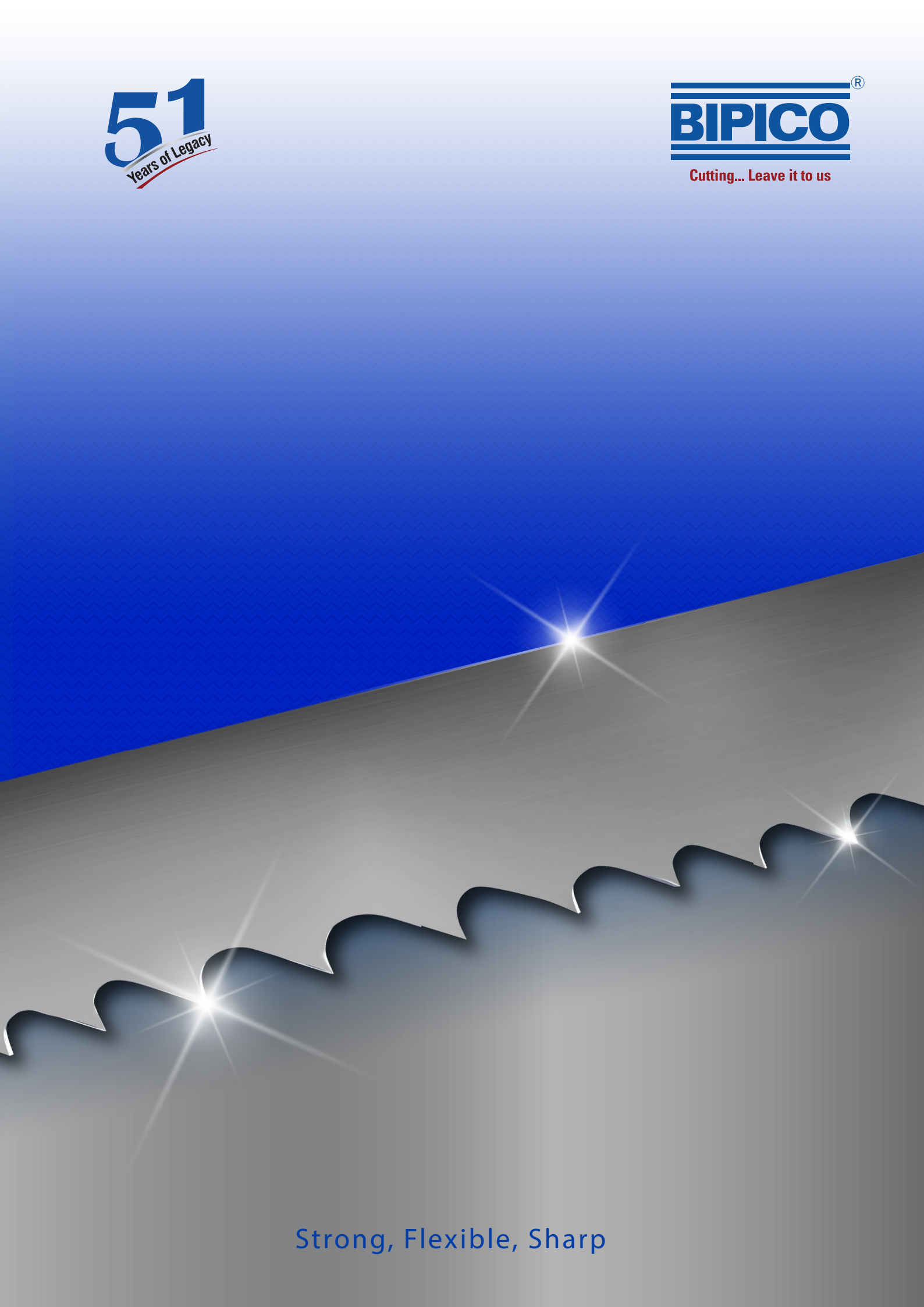
51 Years of Legacy

BIPICO®

Cutting... Leave it to us



Strong, Flexible, Sharp

INDEX/CONTENTS

ABOUT US

BIPICO Industries (Tools) Private Limited, founded in 1974 in Bilimora, Gujarat (India), is a pioneer and market leader in the cutting tools industry. As India's first indigenous manufacturer of Bimetal Bandsaw Blades, BIPICO has played a defining role in reducing the country's dependence on imports and strengthening domestic manufacturing.

Over the past 51 years, BIPICO has consistently delivered innovation, quality, and reliability across its product portfolio — which includes Bandsaw Blades, Hacksaw Blades, Circular Saw Blades, Tool Bits, Band Knives, and Abrasives. The company's operations are ISO 9001:2015 TUV certified, and every process — from raw material procurement to finished product delivery — adheres to the highest standards of quality and safety.

BIPICO's fully automated CNC manufacturing plant, equipped with European-imported machinery, is backed by a robust in-house R&D center and state-of-the-art testing laboratory. All critical quality inspections — including raw material analysis, hardness testing, microstructure validation, and blade performance simulation — are conducted on-site to ensure optimal consistency and tool life.

In 2001, BIPICO became one of the first Indian companies to manufacture Bimetal Bandsaw Blades domestically. Today, it remains one of only three producers in India, serving key sectors such as automotive, steel, foundry, furniture, fabrication, pipe, and forging industries.

With a presence in over 25 countries across Asia, Africa, Europe, and the Middle East, BIPICO has earned the Star Export House certification from the Government of India and continues to be a trusted global supplier. The company's corporate office is located in Mumbai, and its international operations are strengthened by its fully owned subsidiary — Bipico Tools Manufacturing (S.P.S-L.L.C) — based in Ajman, U.A.E, which provides welding, regrinding, and technical support services across the Gulf and MENA regions.

BIPICO is supported by a nationwide network of 250+ Channel Partners and a dedicated team of 40+ Qualified Engineers providing technical consultancy, application support, and post-sales service across India. This structure ensures swift customer engagement and end-to-end cutting solutions for complex industrial applications such as cutting, drilling, grinding, filing, deburring, polishing, and turning.

Driven by the vision of becoming the leading global expert in cutting tools, BIPICO continues to invest in technology, capability-building, and market expansion — ensuring our customers always have a sharp edge.


LAB
6 (LAB) - 04/2005
HARDNESS
TESTER HM -100
BIP


ICO
BIPICO
Mitutoyo

50 YEARS JOURNEY AND BEYOND

Bipico Foundation at Bilimora, Gujarat, India

1972

1974

Hacksaw Blades

1979

Tool Bits

2017

TCT and HSS Annular Cutter

2018

ISO 9001:2015 Certification

2021

TCT Circular Saws

2023

Achieved India's 5000's 2023 MSME Award for Quality Excellence

Carbon Steel

1986

Jigsaw & GP Saw, First in India

1988

1994

Pioneer of Bimetal Technology; Flexible and Bimetal Hacksaw

Manufacturing Pioneer of Bimetal Bandsaws in India

2001

2003

ISO 9001:2008 Certification

2012

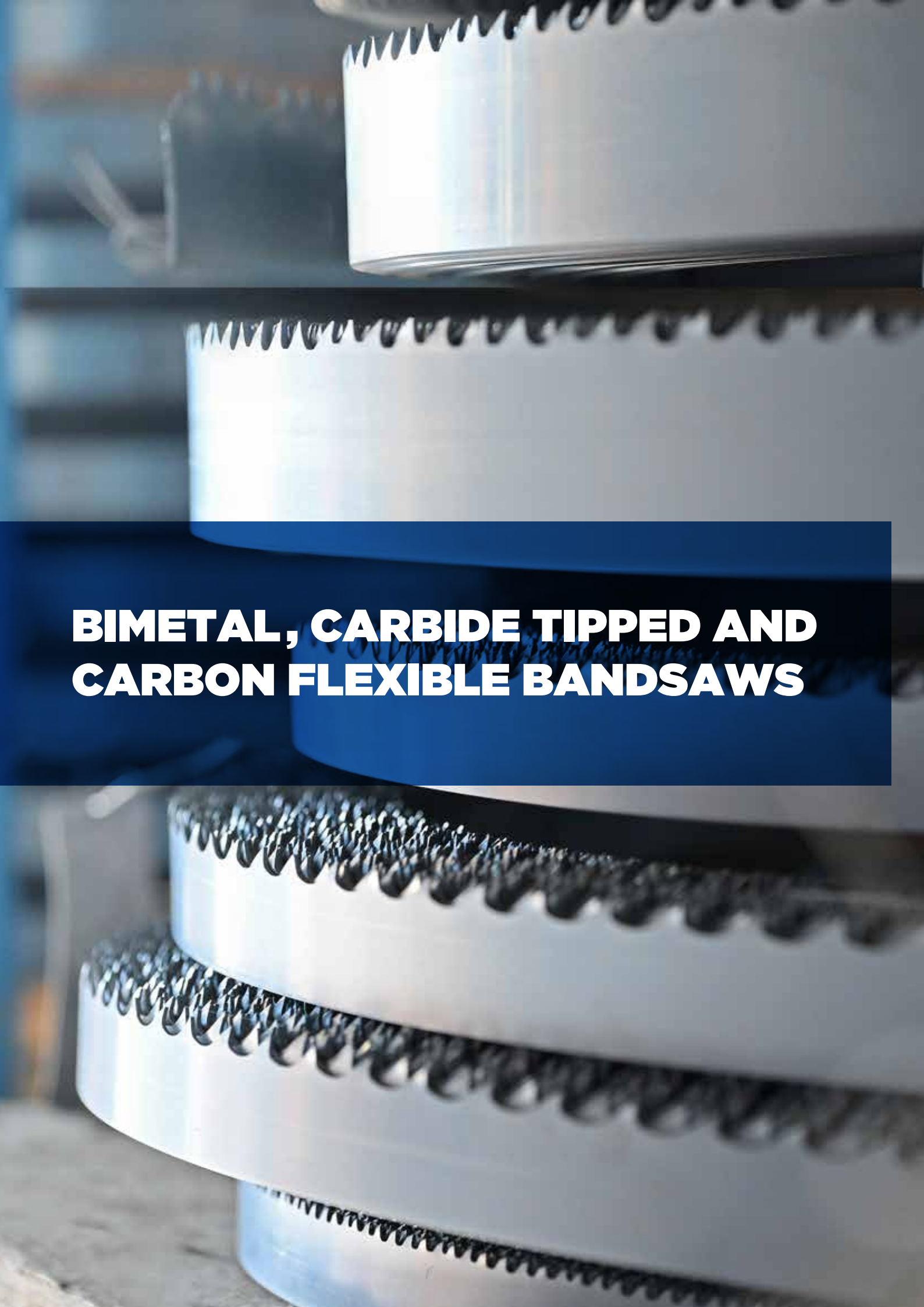
Full Range of Abrasives

2015

Engineering Files

2016

Hole Saws



BIMETAL, CARBIDE TIPPED AND CARBON FLEXIBLE BANDSAWS

BIMETAL BANDSAW

GOLD M42

The Gold M42 Bandsaw is meticulously manufactured using the finest quality Bimetal Strip, which comprises of a high quality HSS M42 (8% cobalt) edge material laser beam welded to a high quality spring steel backing material. The perfect distribution of Carbide with a martensitic structure delivers exceptional wear resistance and an outstanding cutting edge for superior performance.

PLATINUM M51

The Platinum M51 Bandsaw is meticulously manufactured using the finest quality Bimetal Strip, which comprises of a high quality HSS M51 (10% cobalt) edge material laser beam welded to a high quality spring steel backing material. The high percentage of Tungsten and Cobalt gives the Platinum M51 Blade an excellent wear resistance and red-hot resistance. The perfect distribution of dense hard Carbide elements, provide a superior cutting performance.

PLUS - GOLD M42 & PLATINUM M51

The tooth geometry of PLUS blades feature a large gullet and a standard rake angle for enhanced cutting efficiency and performance.

SIZE IN MM	SIZE IN INCH	CONSTANT TPI	VARIABLE TPI
13 X 0.60	½ X 0.025	10,14,18, 24	6/10, 8/12, 10/14
13 X 0.90	½ X 0.035	10,14,18, 24	6/10, 8/12, 10/14
20 X 0.90	¾ X 0.035	6,10,14	4/6,5/8,6/10,8/12,10/14
27 X 0.90	1 X 0.035	6,10,14	4/6,5/8,6/10,8/12,10/14
34 x 1.1	1-1/4 X 0.042	4, 6, 8	4/6, 6/10, 8/12, 5/8
41 x 1.3	1-1/2 X 0.050	4,6	4/6, 8/12, 5/8

Note : M51 grade is not available in 13 & 20mm width & also not available in 6/10, 8/12, 10/14 as well as in all constant TPI

Cutting Application:-

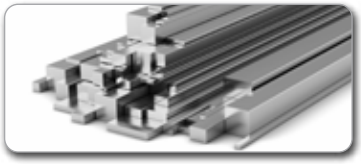
M. S., EN series, Alloy steels, High carbon steels, Structural steels, Tool steel, Large profiles and Solids (Upto 35 HRC)

Features:-

- Ideal for cutting small and medium cross-sections of solid bars and hollow pipes/tubes.
- Fine TPI for precise cutting of small bars and pipes.
- Neutral rake angle with deep gullet ensures smooth cutting performance.

PREMIUM - GOLD M42 & PLATINUM M51

The tooth geometry of PREMIUM blades feature a positive rake angle, additional relief angle and a deep gullet for enhanced cutting efficiency and performance.



Cutting Application:-

Structural steels, Deep drawing steel, Machine steel, Spring steel, Medium alloy steel, Nitriding steel, Stainless steel

Features:-

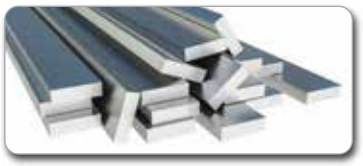
- Versatile profile suitable for cutting a wide range of solid steel materials.
- Enhanced cutting edge stability for reliable performance.
- Engineered for long-lasting durability, minimizing downtime of blade changes.

SIZE IN MM	SIZE IN INCH	CONSTANT TPI	VARIABLE TPI
20 X 0.90	¾ X 0.035	-	3/4, 4/6
27 x 0.90	1 X 0.035	-	2/3, 3/4, 4/6
34 x 1.10	1-1/4 X 0.042	-	2/3, 3/4, 4/6
41 x 1.30	1-1/2 X 0.050	-	2/3, 3/4, 4/6, 1.4/2
54 x 1.60	2 X 0.063	1.25	2/3, 3/4, 4/6, 1.4/2, 0.75/1.25
67 x 1.60	2-5/8 X 0.063	0.75, 1.25	2/3, ¾, 0.75/1.25, 1.4/2, 0.75/1.10
80 x 1.60	3 X 0.063	1.25, 0.75	2/3, 3/4, 0.75/1.25, 1.4/2, 0.75/1.10

Note : M51 grade is not available in 20mm width.

EXTREME - GOLD M42

The tooth geometry of EXTREME blades feature a positive rake angle, additional relief angle, and a deep gullet.



SIZE IN MM	SIZE IN INCH	CONSTANT TPI	VARIABLE TPI
20 X 0.90	¾ X 0.035	3, 4, 6	4/6
27 x 0.90	1 X 0.035	3, 4, 6	3/4, 4/6
34 x 1.10	1-1/4 X 0.042	4,6	3/4, 4/6
41 x 1.30	1-1/2 X 0.050	2,4,6	3/4, 4/6

Note : M51 grade is not available in 20mm width.

Cutting Application:-

Low alloy steel and Unalloyed tool steel, Casting Blocks

Features:-

- Extreme positive tooth form for optimal cutting performance.
- Variable TPI for cutting low alloy steel materials.
- Constant TPI for cutting solid aluminum casting, runners, and risers of cast molds.
- Maximized tooth penetration for a seamless cutting experience.
- Enhanced cutting efficiency and performance.

FLEX - GOLD M42 & PLATINUM M51

The tooth geometry of FLEX blades characterise a special reinforced design with an additional relief angle.

Cutting Application:-

Bundle cutting of Pipes, Tubing and Structural steel

Features:-

- Enhanced resistance to tooth chipping.
- Shock absorbent during interrupted cutting.

SIZE IN MM	SIZE IN INCH	VARIABLE TPI
20 X 0.90	¾ X 0.035	4/6, 5/8, 5/7
27 x 0.90	1 X 0.035	2/3, 3/4, 4/6, 5/8, 5/7
34 x 1.10	1-1/4 X 0.042	2/3, 3/4, 4/6, 5/8, 5/7
41 x 1.30	1-1/2 X 0.050	2/3, 3/4, 4/6, 5/8
54 x 1.60	2 X 0.063	4/6, 3/4, 2/3
67 x 1.60	2-5/8 X 0.063	2/3, 3/4, 4/6

Note : M51 grade is not available in 20mm width.

ULTIMA - GOLD M42 & PLATINUM M51

The tooth geometry of ULTIMA blades feature an extreme positive rake, additional relief angle and deep gullet.

SIZE IN MM	SIZE IN INCH	VARIABLE TPI
27 x 0.90	1 X 0.035	2/3, 3/4
34 x 1.10	1-1/4 X 0.042	2/3, 3/4
41 x 1.30	1-1/2 X 0.050	2/3, 3/4
54 x 1.60	2 X 0.063	2/3, 3/4
67 x 1.60	2-5/8 X 0.063	2/3, 3/4

Cutting Application:-

Forge material, Hard to cut material, Deep drawing steel, Spring steel, Case Hardened steel, Nitriding steel, Tool steel, Quenched & Tempered steel and Hot work steel

Features:-

- Cuts a wide range of higher strength alloys with minimal noise or vibrations.
- Extremely sturdy tooth design to handle harder materials.
- Effortless and aggressive cutting of solid and tough materials.

FASTCUT - GOLD M42 & PLATINUM M51

The tooth geometry and gullet of FASTCUT blades is specially designed for faster and accurate cutting applications, as the name suggests.

Cutting Application:-

Stainless steels, Deep drawing steel, Machining steel, Spring steel, High alloy steel, High Speed Steel, Cast Iron Steel, Case Hardened Steel, Quenched & Tempered Steel

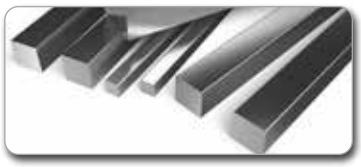
Features:-

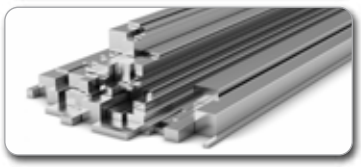
- Rapid cutting speed
- Efficient chip removal for smooth cutting
- Reduced noise and vibrations

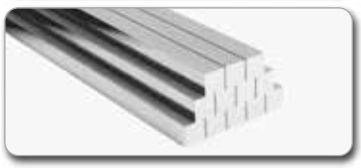
SIZE IN MM	SIZE IN INCH	VARIABLE TPI
27 x 0.90	1 X 0.035	3/4, 4/6
34 x 1.10	1-1/4 X 0.042	3/4, 4/6

GRINDCUT - GOLD M42 & PLATINUM M51

The tooth geometry of GRINDCUT blades feature precisely ground teeth face with a unique relief angle.







SIZE IN MM	SIZE IN INCH	VARIABLE TPI
27 x 0.90	1 X 0.035	2/3, 3/4, 4/6
34 x 1.10	1-1/4 X 0.042	2/3, 3/4, 4/6
41 x 1.30	1-1/2 X 0.050	2/3, 3/4, 4/6

Cutting Application:-

All types of solid steel material

Features:-

- No breaking-in process required
- Precision-ground sharp teeth edge gives fast and accurate cutting.
- Delivers exceptional post-cut finish and long life.

FORGECUT - GOLD M42 & PLATINUM M51

The tooth geometry of FORGECUT blades feature a distinctive setting pattern and positive rake angle with shallow gullet.

Cutting Application:-

Forging material, Quenched and Tempered steel, Case hardened steel, High alloy steel, Hot work steel, Nitriding steel, Stainless steel, High speed steel, Cast iron steel, Rust and heat resistant steel, Hard materials up to 45 HRC

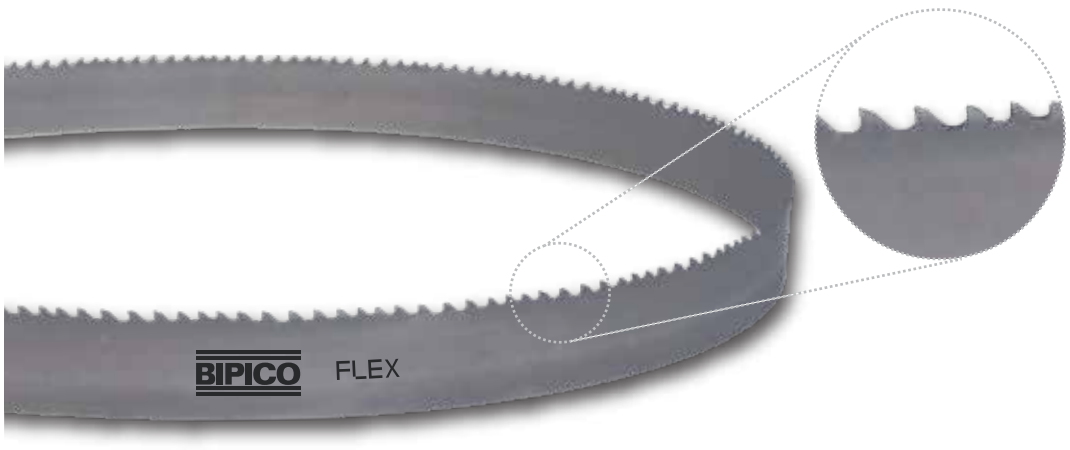
Features:-

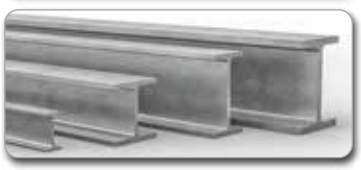
- Variable tooth depth for deeper and straighter cuts
- Higher rake angle reduces cutting force
- Shallow gullet enhances blade life
- Wider gullet for efficient chip removal
- Smooth cutting to minimize noise and vibrations

SIZE IN MM	SIZE IN INCH	VARIABLE TPI
54 x 1.60	2 X 0.063	1/1.3
67 x 1.60	2-5/8 X 0.063	1/1.3, 0.75/1.10
80 x 1.60	3 X 0.063	0.75/1.0

FLEX - (+) WITH EXTRA WIDER SET GOLD M42 & PLATINUM M51

The tooth geometry of FLEX (+) WITH EXTRA WIDER SET features an extra wider set of teeth with special reinforced tooth design.





SIZE IN MM	SIZE IN INCH	VARIABLE TPI
67 x 1.60	2-5/8 X 0.063	3/4
80 x 1.60	3 X 0.063	3/4

Cutting Application:-

Designed for cutting of heavy Beams, Channels or Pipes in bigger dimensions

Features:-

- Minimized vibrations during cutting application
- Elimination of tooth stripping
- Prevention of blade pinching
- Extended blade life and reduced downtime

ALUMINA - GOLD M42

The tooth geometry of ALUMINA blades feature a specially designed skip tooth with shallow gullet, positive rake angle and distinctive set pattern.

Cutting Application:-

Aluminium die casting extrusion and other Non-Ferrous Metals/Alloys Cutting of runners & risers of castings

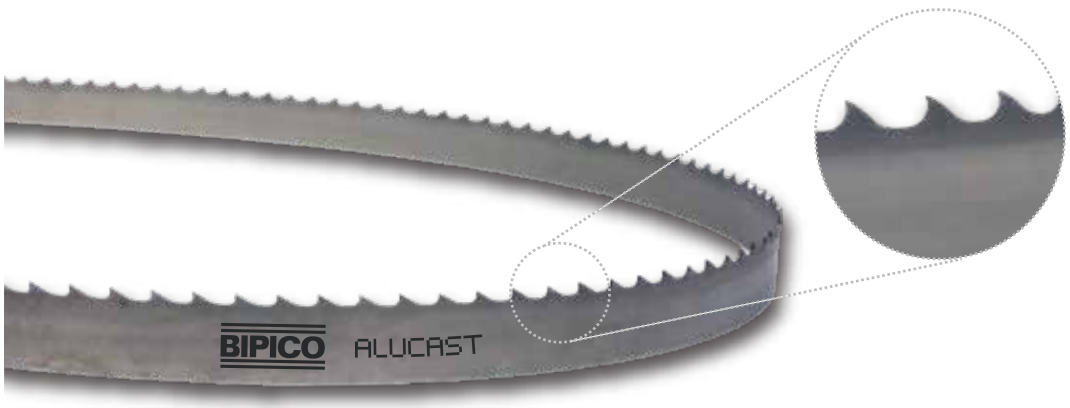
Features:-

- Designed for cutting auto components of aluminum casting with high silicon percentage
- Exclusively suitable for aluminum castings

SIZE IN MM	SIZE IN INCH	CONSTANT TPI
20 X 0.90	¾ X 0.035	3,6
27 x 0.90	1 X 0.035	3,6

ALUCAST - GOLD M42

The tooth geometry of ALUCAST blades feature a special design with a distinctive setting pattern.



SIZE IN MM	SIZE IN INCH	CONSTANT TPI
20 X 0.90	¾ X 0.035	3
27 x 0.90	1 X 0.035	3

Cutting Application:-

Runners & Risers of Aluminium die casting extrusion, solid cutting area with greater percentage of silicon.

Features:-

- Specialized distinctive set pattern for efficient casting cutting and increased cuts per blade
- Suitable for aluminum castings with higher silicon percentage
- Ideal for cutting solid-type castings

SAWPRO TIMBER - GOLD M42

The tooth geometry of SAWPRO TIMBER blades feature a positive rake angle and shallow gullet with constant teeth per inch.

Cutting Application:-

For sawing Log Wood, Timber

Features:-

- Versatile saw blade for all wood sawing applications with efficient dust removal during sawing.
- Suitable for cutting small or large wood or timber
- Affordable with guaranteed performance
- Customizable length options available
- Constant TPI allows for easy blade resharpening for multiple use and increase the cutting life.

SIZE IN MM	SIZE IN INCH	CONSTANT TPI
27 x 0.90	1 X 0.035	22 PITCH
34 x 1.10	1-1/4 X 0.042	22 PITCH
41 x 1.30	1-1/2 X 0.050	22 PITCH
54 x 1.60	2 X 0.063	22 PITCH
67 x 1.60	2-5/8 X 0.063	22 PITCH

CARBIDE TIPPED BANDSAW

The Carbide Tipped Bandsaw is ideal for cutting challenging and hard-to-machine alloys, providing excellent surface finish and increased productivity at a cost-effective price.

Available Grades:-

1) TRI CHIP: - Non-set carbide tipped bandsaw.
Available in standard Hi-Lo geometry with positive main angle.
Cutting Application: - Aluminium, Steel and Tool Steel

2) MULTI CHIP X-TRA: - Non-set carbide tipped bandsaw available with positive main angle and five-tooth geometry for aggressive cutting.
Cutting Application: - Aluminium alloys, difficult-to-cut aluminium, aluminium cutting application on automatic high speed machines

3) MULTI CHIP SINUS: - Non-set carbide tipped bandsaw with positive main angle and four-tooth geometry.
CUTTING APPLICATION: - Cutting of stainless steel, Tool steel, Titanium, Inconel alloys, Graphite and difficult-to-cut materials.

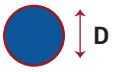
			TPI						
SR. NO	SIZE IN MM	SIZE IN INCH	0.75/1.25	1/1.3	1.4/2	2	2/3	3	3/4
1	20 X 0.9	¾ X 0.035						√	
2	27 x 0.9	1 X 0.035				√	√	√	
3	34 x 1.1	1-1/4 X 0.042				√	√	√	√
4	41 x 1.3	1-1/2 X 0.050			√	√	√	√	√
5	54 x 1.3	2 X 0.050				√		√	
6	54 x 1.6	2 X 0.063	√	√	√	√	√		
7	67 x 1.6	2-5/8 X 0.063	√	√	√				
8	80 x 1.6	3 X 0.063	√	√					

√ = Available TPI in all above 3 Grades of Carbide Tipped Bandsaw

TOOTH SELECTION CHART

SOLID ROUND

DIAMETER OF CUT (D)



Diameter in mm	5	10	15	20	30	75	150	250	400	800	1500
Teeth in Inch	10/14		8/12	6/10	5/8	4/6	3/4	2/3	1.4/2	1/1.3	0.75/1.25

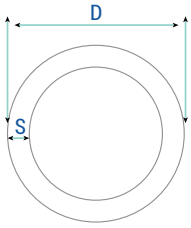
SOLID SQUARE / RECTANGLE

WIDTH OF CUT

Width in mm	5	10	15	20	50	100	150	400	800	1500
Teeth in Inch	10/14	8/12	6/10	5/8	4/6	3/4	2/3	1.4/2	1/1.3	0.75/1.25

PIPE / TUBING

DIAMETER OF CUT (D)



D = Diameter
S = Wall Thickness

WALL THICKNESS S(MM) \ D(MM)	20	40	60	80	100	120	150	200	300	400	500	600	≥700
	TOOTH PITCH (TPI)												
2	14	14	14	14	14	14	10/14	10/14	8/12	8/12	6/10	6/10	5/8
3	14	14	10/14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	6/10	5/8	5/8
4	14	14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6
5	14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6	3/4
6	14	10/14	8/12	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6	4/6	3/4
8	14	8/12	8/12	6/10	6/10	6/10	5/8	5/8	4/6	4/6	4/6	3/4	3/4
10		8/12	6/10	6/10	6/10	5/8	5/8	4/6	4/6	4/6	3/4	3/4	3/4
12		8/12	6/10	6/10	5/8	5/8	4/6	4/6	4/6	3/4	3/4	3/4	3/4
15				5/8	4/6	4/6	4/6	3/4	3/4	3/4	3/4	2/3	2/3
20				5/8	4/6	4/6	4/6	3/4	3/4	3/4	2/3	2/3	2/3
30				4/6	4/6	3/4	3/4	3/4	2/3	2/3	2/3	2/3	1.4/2
50						3/4	2/3	2/3	2/3	2/3	2/3	1.4/2	1.4/2
75								2/3	2/3	2/3	1.4/2	1.4/2	1.4/2
100									2/3	2/3	1.4/2	1.4/2	1.4/2
150										2/3	1.4/2	1.4/2	0.75/1.25
≥ 200											1.4/2	0.75/1.25	0.75/1.25

BI-METAL BANDSAW SPEED - FEED CHART

MATERIAL	TYPE	GRADE	BAND SPEED		CUTTING RATE	
			Feet / Min	Meter / Min	Inch^2 / Min	cm^2 / Min
Carbon Steel	Low Carbon steel	1008, 1018, 1030, 1145, 1215	200-260	60-80	8-15	50-100
	Medium Carbon Steel	1035, 1045	210-280	65-85	5-10	30-65
	High Carbon Steel	1060, 1080, 1095	160-210	50-65	4-8	25-50
Alloy Steel	Mn Steel	1541, 1524	160-200	50-60	5-10	30-65
	Cr-Mo Steel	4140, 41L50, 4150H	200-230	60-70	3-8	20-50
	Cr- Alloy Steel	6150, 5160	200- 210	60-65	3-8	20-50
	Ni-Cr-Mo Steel	4360, 8620, 8640, E9310	160-200	50-60	4-7	25-45
Stainless Steel	Stainless Steel	20, 12, 02, 302	100-130	30-40	1-4	5-25
		304, 308, 314 316, 410, 420	80-130	25-40	2-5	10-30
		440A, 440C	65-80	20-25	1-4	5-25
	Free Machining Stainless steel	420F,301	130-150	40-45	3-7	20-45
Tool Steel	High Speed Tool Steel	T1, T2, T4, T5, T6, T8, T15	50-120	15-35	1-4	5-25
		M1, M2, M3, M4, M10	60-150	20-45	1-4	5-25
	Die Steel	A-2, A-3, A-8, A-9	180-210	55-65	2-4	10-25
		D-2, D-3, D5	80-110	25-35	1-2	5-10
		D7	70-90	20-30	1	1-5
	Tool Steel	O1, O2,O6, O7	170-210	50-65	3-6	20-40
		S-1, S-2, S-7	100-210	30-65	1-4	5-25
Nickle Base Alloys		Inconel , Inconel X	55-90	15-30	1-2	5-10
		Monel, R Monel	60-85	15-25	1-2	5-10
		Hastelloy A/B/C	55-100	15-30	1-2	5-10
Titenium base Alloys		T1-4AK-4Mo	65-85	20-25	0-1	1-5
Alluminium / Non Ferrous	Aluminium Alloys	2024,5052,6261, 7075	300-400	80-120	4-7	25-45
	Copper Alloy	CDA 220/360	210-300	65-90	4-7	25-45
	Beryllium Copper	BeCu	150-320	45-95	4-5	25-30
	Bronze Alloys	AMPCP18/21/25	110-180	35-55	3-7	20-45
	Brass Alloys		200-220	60-65	3-7	20-45

BLADE BREAK-IN PROCESS

Before applying full feed pressure to the new blades, it is essential to break in the extremely sharp tooth tip and edges. A suitable comparison can be made to the experience of writing with a freshly sharpened wooden pencil.

RECOMMENDED PROCEDURE

- Maintain proper blade speed for the material to be cut.
- Reduce blade feed pressure or feed rate by 50% for the first 300 to 500 square cm of material cut.
- Gradually increase feed pressure or feed rate after break-in to full pressure.

TENSION METER

Why use a Tension Meter?

- Incorrect tension in Bandsaw Blades can result in crooked cuts, rough cutting surfaces, and blade breakage.
- Maintaining proper blade tension will ensure a longer fatigue life for the blades.
- It also helps to reduce the likelihood of machine damage caused by over-tensioning the band.

Therefore, the band tension should be checked frequently as per below given instructions.

Instructions for using Tension Meter

- Begin by securely affixing the Bimetal Bandsaw Blade onto the machine.
- Place the tension meter onto the loose blade, ensuring precise alignment by maintaining an approximate 5 mm distance between the back of the blade and the tension meter slot.
- Sequentially tighten the left-side thumb screw followed by the right-side thumb screw on the tension meter's moving arm.
- Set the dial ring to the Zero position, and proceed to apply tension to the blade manually or using hydraulic pressure. As a general rule, when the guides are more widely spaced, opt for a higher tension range; conversely, when the guide arms are closer together, utilize a lower tension range.
- Once tension is applied to the blade, the dial will indicate readings on the scale, where 1 division corresponds to 1000 PSI.
- Carefully adjust the tension on the blade until achieving the desired tension and corresponding reading on the scale.

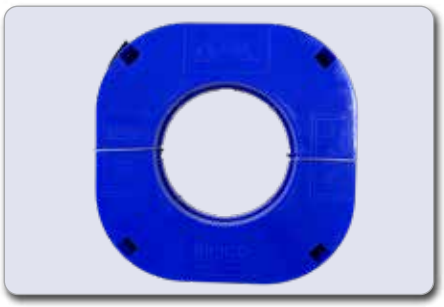
Recommended parameters of Band Tension

WIDTH OF BANDSAW	PSI
19mm, 27mm and 34mm	25000 to 32000
41mm and above	30000 to 38000

Note: Band tension capabilities may vary by make and model of the band saw machine. Machine manufacturers or technicians can help if there is any issue concerning machine band tension techniques or capabilities.

CARBON FLEXIBLE BANDSAW BLADES

The Carbon Steel Bandsaw is manufactured using finest quality imported High Carbon Steel.



Features:-

- General-purpose cutting for mild and low alloy steels, plastics, and wood.
- Economical and high-quality bandsaw.
- Provides an economical cost per cut.

WIDTH AND THICKNESS		TEETH PER INCH (25 MM)	
MM	INCH	STANDARD TOOTH	HOOK TOOTH
6.0 x 0.63	1/4 x .025	10,14,18,24	4,6
10.0 x 0.63	3/8 x .025	4,6,8,10,14,18,24	3,4,6
12.5 x 0.63	1/2 x .025	6,8,10,14,18,24	3,4,6
16.0 x 0.80	5/8 x .032	6,8,10,14,18	3,4,6
20.0 x 0.80	3/4 x .032	4,6,8,10,14,18	3,4,6
25.0 x 0.90	1 x .035	4,6,8,10,14	2,3,4,6

Available in: Coil and welded loop.

HACKSAW BLADES

HAND HACKSAW BLADES

ALL HARD HIGH SPEED STEEL HAND BLADES

The High-Speed Steel All Hard Hand Hacksaw Blade is manufactured from premium high-speed steel for unparalleled performance. The blade undergoes precise hardening and tempering across its entire width, providing a robust and inflexible backbone.
Note: The work piece should be securely held in a clamp or vice to prevent shattering of the blade.

Features:-

- Precise straight cuts and extended durability.
- Cuts through various materials, including alloy and stainless steels.
- Highly accurate cutting and ideal for general purpose work.
- Long life

SIZE IN MM	SIZE IN INCH	TPI
250 x 12.5 x 0.63	10 x 1/2 x 0.025	18 ,24,
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

ALL HARD HIGH SPEED STEEL HAND BLADE – *PLUS 14*

The Plus 14 blades have a special tooth geometry featuring specially Milled tooth, a positive rake angle and a smooth gullet.

SIZE IN MM	SIZE IN INCH	TPI
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

Features:-

- Aggressive and Faster Cut.
- Tooth remain sharper for long time
- Significant cutting efficiency and effective material removal

ALL HARD HIGH SPEED STEEL HAND BLADE – FAST CUT

The Fast Cut Blades are manufactured using high-quality High Speed Steel and have a special tooth setting pattern. The blades undergo Precision Heat Treatment and tempering to achieve optimal tooth hardness.

Features:-

- Sharp & fast cutting
- Precise, Efficient and Straight cutting
- Durable performance

SIZE IN MM	SIZE IN INCH	TPI
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

BIMETAL HIGH SPEED STEEL HAND BLADES

The shatter-proof Bimetal High Speed Steel Hand Hacksaw Blade is manufactured using the finest quality M2 High Speed cutting edge which is laser beam welded to a flexible alloy back.

SIZE IN MM	SIZE IN INCH	TPI
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

Features:-

- Super cutting performance, wear resistance and safety.
- It cuts through all types of materials including alloy and stainless steels.

HIGH SPEED STEEL AND FLEXIBLE BIMETAL VARIABLE PITCH HAND HACKSAW BLADES

This innovative blade combines the tooth designs of two tooth variables to offer unique cutting.

Features:-

- Precise cutting with extended durability for long-lasting performance.
- TCost-effective inventory management with versatile TPI capability.
- Effortlessly cuts through alloy steel to stainless steel.
- Reliable tooth design suitable for a wide range of applications.

SIZE IN MM	SIZE IN INCH	TPI
300 x 12.5 x 0.63	12 x 1/2 x 0.025	20/24

ALL HARD LOW ALLOY STEEL HAND HACKSAW BLADES

The blade is manufactured using the finest quality High Carbon Steel.

SIZE IN MM	SIZE IN INCH	TPI
250 x 12.5 x 0.63	10 x 1/2 x 0.025	18 ,24,
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

Features:-

- Ideal for general-purpose sawing, providing versatility in various applications.
- Efficiently cuts mild steel, brass, aluminium, copper, soft metals, and plastics for diverse cutting needs.

FLEXIBLE LOW ALLOY STEEL HAND HACKSAW BLADES

The blade is manufactured using the finest quality High Carbon Steel and undergoes a special heat treatment and tempering to achieve flexibility.

Features:-

- Unbreakable and designed for trainee workers, ensuring safety and ease of use.
- Ideal for general-purpose sawing, providing versatility in various applications.
- Efficiently cuts mild steel, brass, aluminium, copper, soft metals, and plastics for diverse cutting needs.

SIZE IN MM	SIZE IN INCH	TPI
250 x 12.5 x 0.63	10 x 1/2 x 0.025	18 ,24,
300 x 12.5 x 0.63	12 x 1/2 x 0.025	18 , 24, 32

JUNIOR HACKSAW BLADES

Junior Hacksaw blades are manufactured from the best quality High Carbon Steel. The teeth are properly hardened and tempered to get optimum blade life.

Features:-

- Useful for professional application
- It can cut soft plastic, paper board, hard board, gypsum, aluminium, non-ferrous metals, pipes and all kind of thin section material.

SIZE IN MM	SIZE IN INCH	TPI
150 x 6 x 0.45	6 x 1/4 x 0.018	14,24, 32

POWER HACKSAW BLADES

ALL HARD HIGH SPEED STEEL - BLUE

The High Speed Power Blades are manufactured using the highest quality M2 grade High Speed Steel. It is fully hardened with precise hardening and undergoes controlled atmosphere tempering.

Features:-

- Designed for high production, ensuring efficient and fast cutting processes.
- Versatile enough to cut bars, tubes, sections, and all types of hard materials with ease.

ALL HARD HIGH SPEED STEEL - FASTCUT

The Fast Cut Power Blades are manufactured using the highest quality M2 grade High Speed Steel. It undergoes precise heat treatment and tempering. The Tooth are designed to be more aggressive and sharp.

Features:-

- Straight and fast cutting
- Efficient cutting
- More durability.

BIMETAL HIGH SPEED STEEL

Bimetal HSS Power Blades, made from HSS M2 and electron beam welded to a spring steel back, are engineered to withstand heavy feed pressures, ensuring economical and high cutting rates. With exceptional durability, these virtually unbreakable blades are safe for use, making them suitable for unskilled operators or older machines. Moreover, they effortlessly cut through most types of materials, including alloy and stainless steel.

The Fast Cut Power Blades are manufactured using the highest quality M2 grade High Speed Steel. It undergoes precise heat treatment and tempering. The Tooth are designed to be more aggressive and sharp.

LOW ALLOY STEEL POWER BLADES

The blade is manufactured using the finest quality High Carbon Steel and undergoes a special heat treatment and tempering to achieve flexibility.

POWER HACKSAW BLADES - SIZE CHART

SIZE IN MM					SIZE IN MM					TPI	LAS	HSS	Fast Cut	BIMETAL HSS
												BLUE	RED	BLUE / WHITE
300	x	16	x	0.80	12	x	5/8	x	0.032	10,14		√	√	
300	x	25	x	1.25	12	x	1	x	0.050	10,14	√	√	√	√
350	x	25	x	1.25	14	x	1	x	0.050	10,14	√	√	√	√
400	x	25	x	1.25	16	x	1	x	0.050	10,14		√	√	
425	x	25	x	1.25	17	x	1	x	0.050	10,14	√	√	√	
450	x	25	x	1.25	18	x	1	x	0.050	10,14		√	√	
400	x	25	x	1.60	16	x	1	x	0.062	10,14	√	√	√	
450	x	25	x	1.60	18	x	1	x	0.062	10,14		√	√	
300	x	32	x	1.60	12	x	1 1/4	x	0.062	6,10				√
350	x	32	x	1.60	14	x	1 1/4	x	0.062	6,10		√	√	√
400	x	32	x	1.60	16	x	1 1/4	x	0.062	6,10	√	√	√	√
425	x	32	x	1.60	17	x	1 1/4	x	0.062	6,10	√	√	√	√
450	x	32	x	1.60	18	x	1 1/4	x	0.062	6,10		√	√	√
450	x	38	x	1.60	18	x	1 1/2	x	0.062	6,10	√	√	√	
400	x	38	x	2.00	16	x	1 1/2	x	0.075	4,6,10	√	√	√	
350	x	32	x	2.00	14	x	1 1/4	x	0.075	4,6,10		√	√	√
450	x	32	x	2.00	18	x	1 1/4	x	0.075	6,10		√	√	
350	x	38	x	2.00	14	x	1 1/2	x	0.075	4,6,10		√	√	√
450	x	38	x	2.00	18	x	1 1/2	x	0.075	4,6,10		√	√	√
500	x	32	x	2.00	20	x	1 1/4	x	0.075	4,6,10		√	√	
500	x	38	x	2.00	20	x	1 1/2	x	0.075	4,6,10		√	√	
525	x	38	x	2.00	21	x	1 1/2	x	0.075	4,6,10		√	√	
550	x	38	x	2.00	22	x	1 1/2	x	0.075	4,6,10		√	√	
600	x	38	x	2.00	24	x	1 1/2	x	0.075	4,6,10		√	√	√
700	x	38	x	2.00	28	x	1 1/2	x	0.075	6,10		√	√	
600	x	50	x	2.00	24	x	2	x	0.075	4,6,10		√	√	
650	x	50	x	2.00	26	x	2	x	0.075	6,10		√	√	
450	x	32	x	2.25	18	x	1 1/4	x	0.080	4,6,10				√
450	x	38	x	2.25	18	x	1 1/2	x	0.080	4,6,10				√
500	x	38	x	2.25	20	x	1 1/2	x	0.080	4,6,10		√	√	√
450	x	45	x	2.25	18	x	1 3/4	x	0.080	4,6		√	√	√
475	x	45	x	2.25	19	x	1 3/4	x	0.080	6				√
500	x	45	x	2.25	20	x	1 3/4	x	0.080	4,6				√
525	x	45	x	2.25	21	x	1 3/4	x	0.080	4,6		√	√	√
550	x	45	x	2.25	22	x	1 3/4	x	0.080	6,10		√	√	√
575	x	45	x	2.25	23	x	1 3/4	x	0.080	6				√

SIZE IN MM					SIZE IN MM					TPI	LAS	HSS	Fast Cut	BIMETAL HSS
												BLUE	RED	BLUE / WHITE
600	x	45	x	2.25	24	x	1 3/4	x	0.080	6		√	√	√
600	x	50	x	2.25	24	x	2	x	0.080	4,6,10		√	√	√
600	x	38	x	2.50	24	x	1 1/2	x	0.100	4,6,10		√	√	
500	x	50	x	2.50	20	x	2	x	0.100	4,6				√
525	x	50	x	2.50	21	x	2	x	0.100	4,6				√
550	x	50	x	2.50	22	x	2	x	0.100	4,6				√
575	x	50	x	2.50	23	x	2	x	0.100	4,6				√
600	x	50	x	2.50	24	x	2	x	0.100	4,6		√	√	√
650	x	50	x	2.50	26	x	2	x	0.100	4,6		√	√	√
700	x	38	x	2.50	28	x	1 1/2	x	0.100	4,6		√	√	
700	x	50	x	2.50	28	x	2	x	0.100	4,6		√	√	√
750	x	38	x	2.50	30	x	1 1/2	x	0.100	4,6		√	√	
750	x	50	x	2.50	30	x	2	x	0.100	4,6		√	√	√
800	x	50	x	2.50	32	x	2	x	0.100	4,6		√	√	√
900	x	50	x	2.50	36	x	2	x	0.100	4,6		√	√	√

PATA / PLANNER BLADES

A Unique product to cater to vast industrial application & wood working.

Features:-

- Available in two grades i.e. Low Alloy Steel & High Speed Steel.
- A Planner Blade is used in Hand Planners and in Machines for Wood-Working
- A Scrapper in Chemical Plants, Engineering Industries, Construction Industries, etc.

SAWS & FRAMES

PALLET DISMANTLING BLADES

The pallet dismantling blades are manufactured using the finest quality Bimetal Steel Raw Material. They characterise a special milled tooth design for superior cutting performance and undergo special heat treatment for extended durability.

Features:-

- For heavy duty and demolition application in wood and metal.
- High-performance cutting blade for pallet dismantling
- Specially designed pointed shape for easy entry into difficult-to-cut junctions.

SIZE (MM	SIZE (INCH)	TPI
150 X 19 X 0.90MM	6" X 3/4" X 0.035"	10,14,10/14
200 X 19 X 0.90MM	8" X 3/4" X 0.035	10,14,10/14
225 X 19 X 0.90MM	9" X 3/4" X 0.035"	10,14,10/14
300 X 19 X 0.90MM	12" X 3/4" X 0.035	10,14,10/14

RECIPROCATING SAW BLADES

The reciprocating saw blades are manufactured using the finest quality Bimetal Steel Raw Material with 8% cobalt. They characterise a special milled tooth design for superior cutting performance and undergo special heat treatment for extended durability.

Features:-

- For cutting Metal including nonferrous pipes, sheet metals.
- Specially designed pointed shape for easy entry into difficult-to-cut junctions.

SIZE (MM)	SIZE (INCH)	TPI
150 X 19 X 0.90MM	6" X 3/4" X 0.035"	10,14,10/14
200 X 19 X 0.90MM	8" X 3/4" X 0.035	10,14,10/14
225 X 19 X 0.90MM	9" X 3/4" X 0.035"	10,14,10/14
300 X 19 X 0.90MM	12" X 3/4" X 0.035	10,14,10/14

GP SAW – DO-IT-YOURSELF

Our General Purpose Saw, a cutting-edge 21st century product, is a revolutionary DO-IT-YOURSELF tool. This invaluable tool serves automobile workshops, carpenters, small factories, engineering industries, building contractors, households, farms, and gardens. Its special Zinc Die Cast Handle offers nine different adjustable angles, enabling easier cutting at DIFFICULT-TO-REACH POSITIONS.

Available in: 4TPI, 6TPI, 10TPI & 14TPI with flexible blade.

Applications:

- **10 TPI -** Suitable for Non-Ferrous and Ferrous Bars, Sections, Angles, Channels, Cables, Asbestos Sheets, etc.
- **14 TPI -** Suitable for galvanised pipes & sheets, PVC pipes, cement pipes, ceramic pipes, etc
- **6 TPI -** Suitable for hard wood
- **4 TPI -** Suitable for soft wood.

***Note-** Replacement of the blade is easy & quick.

AIR SAW BLADE

Bimetal special design blade with Raker and Wavy set useful for cutting sheet metals, plastics, aluminium, Sandwich materials, useful in automobile garage as well as small workshops.

SIZE (MM)	TPI
90 X 1.8 X 3 9/16	14,18
90 X 1.4 X 3 9/16	14,18
90 X 1.1 X 3 9/16	18,24
90 X 0.8 X 3 9/16	32
96 X 1.8 X 3 3/4	14,18
96 X 1.4 X 3 3/4	18,24
90 X 1.8 X 3 9/16	14

PROFESSIONAL: TUBULAR HACKSAW FRAME

Blade	250mm/300mm 10/12 inches
Section	13mm x 16 mm x 19 Gauge
Nt.Wt.	670gms

- Zinc Die Cast Handle. Powder coated
- Adjustable for 10" & 12" Blade.
- Tubular design to give rigidity.

PROFESSIONAL RECTANGULAR FRAME

Blade	250mm/300mm 10/12 inches
Section	20mmx15mmx18
Nt.Wt.	520gms

- Heavy Duty aluminium die-cast handle.
- Handle & pipe - epoxy powder coated.
- Rigid & balanced frame with carbon steel pipe...
- 8mm square fitting with wing nut.
- In the process of blade fitting, rivets do not fall off.
- Also available with the same feature in chrome plated pipe.

PROFESSIONAL: TUBULAR FRAME

Blade	250mm/300mm 10/12 inches
Section	18mm x 13 mm x 16 Gauge
Nt.Wt.	370gms

- Unbreakable Nylon Handle.
- Pipe Epoxy Powder Coated.
- Adjustable for 10" & 12" Blade.
- 8mm square fitting with wing nut.
- In the square of blade fitting rivets do not fall off.
- Also available with the same feature in chrome plated pipe.

PROFESSIONAL: FRAME ADJUSTABLE

Blade	250mm/300mm 10/12 inches
Section	18mm x 5.0mm
Nt.Wt.	685gms

- A.B.S. Plastic Heavy Handle.
- Adjustable for 10" & 12" Blade.
- 8mm square fitting with wing nut.
- In the process of blade fitting, rivets do not fall off.

PROFESSIONAL: FIX TYPE FRAME

Blade	300mm / 12 inches
Section	19mm x 6.35mm
Nt.Wt.	610gms

- Rigid & heavy duty frame for 12" blades only.
- Environmental friendly wooden handle.
- 8mm square fitting with wing nut.
- In the process of blade fitting, rivets do not fall off.

HANDY JUNIOR SAW - PISTOL GRIP

Blade	150mm/6 inches
Section	9.5 mm x 4.78mm
Nt.Wt.	140gms

- Pistol Grip A.B.S. die moulded handle
- Fitted with 6" blade.
- Nickel Plated square screws for blade holding.
- Knurled nut for blade tensioning.

JUNIOR SAW FRAME

Blade	150mm/6 inches
Section	9.5mmx5mm
Nt.Wt.	170gms

- Useful for home/factory/articiane etc.
- Hexagon nut fitted in wooden handle for blade tensioning.
- Nickel plated screw for blade holding.

HANDY WIRE SAW – SLEEK TYPE BWS – 6

Blade	150mm/6 inches
Section	6mm round
Nt.Wt.	100gms

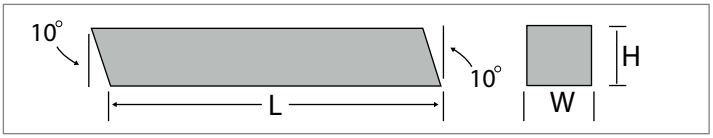
- Low price sleek saw frame.
- Bow available in different assorted powder coated color.
- 6" blade fitted with the help of powder coated dowels.

TOOL BITS

HIGH SPEED TOOL BITS are manufactured from the finest quality High Speed Steel with various cobalt grade. These versatile tool bits are widely utilized for machining both ferrous and nonferrous metals. With sophisticated heat treatment, they offer extended life between two regrinds, ensuring exceptional performance in various applications.

SQUARE GROUND TOOL BITS

HIGH SPEED STEEL



SIZE (INCH)		
WIDTH	HEIGHT	LENGTH
1/8 3/16	1/8	2 1/2
3/16	3/16	2 1/2
1/4	1/4	2 1/2
5/16	5/16	2 1/2
3/8	3/8	3
7/16	7/16	3 1/2
1/2	1/2	4
5/8	5/8	4 1/2
3/4	3/4	5
7/8	7/8	6
1	1	7
1 1/8	1 1/8	7
1 1/4	1 1/4	7

SIZE (INCH)		
WIDTH	HEIGHT	LENGTH
1/4	1/4	4
1/4	1/4	6
1/4	1/4	8
5/16	5/16	4
5/16	5/16	6
5/16	5/16	8
3/8	3/8	4
3/8	3/8	6
3/8	3/8	8
3/8	3/8	10
7/16	7/16	6
1/2	1/2	6
1/2	1/2	8
1/2	1/2	10
5/8	5/8	6
5/8	5/8	8
3/4	3/4	6
3/4	3/4	8
1	1	8

Available Grade:-

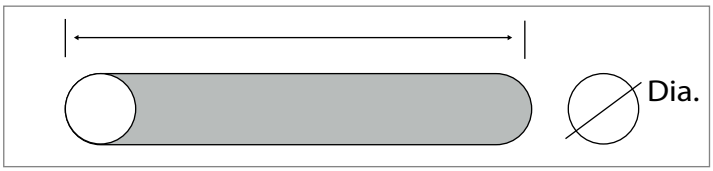
BP 101 GRADE M2 WITHOUT COBALT ------ Useful for relatively softer material.
BP 202 GRADE M35 WITH 5% COBALT ------Economical grade for general purpose.
BP 303 GRADE M42 WITH 8% COBALT ----- Difficult to machine alloys and high strength steel

BP 404 GRADE T42 WITH 10% COBALT ----- Useful for finishing operation were maximum tool life is required. Useful for tough material.

BP 505 GRADE T42 WITH 10% COBALT ----- Useful for better output and longer life on tough material. (WITH CRYOGENIC TREATMENT)

ROUND TOOL BITS

HIGH SPEED STEEL



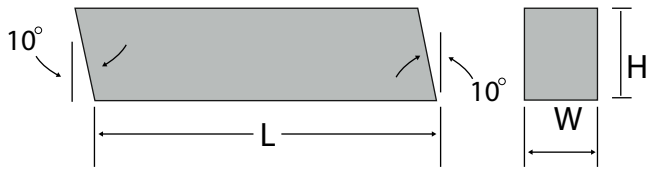
SIZE (INCH)	
DIAMETER	LENGTH
1/8	2 3/4
3/16	3 1/2
1/4	2 1/2
5/16	2 1/2
5/16	3 1/2
3/8	3
7/16	3 1/2
7/16	4
1/2	4
5/8	3

EXTRA LONG	
DIAMETER	LENGTH
1/4	4
5/16	4 1/2
3/8	8
3/8	5
7/16	5 1/2
1/2	6
3/16	6
5/8	6
3/4	6
7/8	6
7/8	8
1	6
1	8

Available Grade:-

BP 101 GRADE M2 WITHOUT COBALT
BP 202 GRADE M35 WITH 5% COBALT

RECTANGULAR GROUND TOOL BITS HIGH SPEED STEEL



SIZE (INCH)		
WIDTH	HEIGHT	LENGTH
1/8	1/2	4
'3/16	5/16	4
1/4	3/8	2 1/2
1/4	3/8	3
1/4	3/8	4
1/4	3/8	6
1/4	1/2	3
1/4	1/2	4
1/4	1/2	6
1/4	3/4	4
1/4	3/4	5
1/4	3/4	6
1/4	1	6
5/16	3/8	4
5/16	7/16	3
5/16	7/16	4
5/16	1/2	4
5/16	1/2	6
5/16	3/4	4
5/16	3/4	5
5/16	1	6
3/8	1/2	3
3/8	1/2	4
3/8	5/8	4
3/8	5/8	5
3/8	5/8	6
3/8	3/4	4

SIZE (INCH)		
WIDTH	HEIGHT	LENGTH
3/8	3/4	5
3/8	3/4	6
3/8	1	6
1/2	3/4	4
1/2	3/4	5
1/2	3/4	6
1/2	1	6
1/2	1	7
1/2	1	8
1/2	1.25	7
1/2	1.5	7
5/8	3/4	5
5/8	7/8	6
5/8	1	6
5/8	1	7
5/8	1.25	6
5/8	1.25	7
5/8	1.5	7
3/4	1	6
3/4	1	7
3/4	1.25	6
3/4	1.25	7
3/4	1.5	7
3/4	1.125	7
11.25	6	
11.25	7	
11.5	7	

Available Grade:-

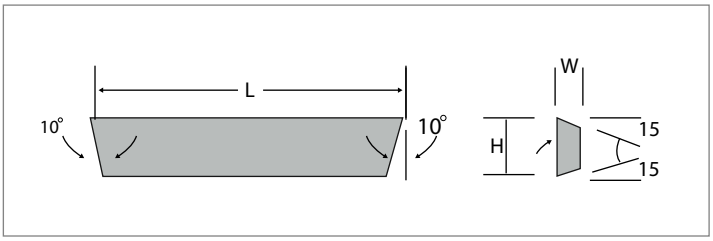
BP 101 GRADE M2 WITHOUT COBALT

BP 202 GRADE M35 WITH 5% COBALT

BP 303 GRADE M35 WITH 8% COBALT

CUT-OFF BLADES

HIGH SPEED STEEL



	SIZE (INCH)	
WIDTH	HEIGHT	LENGTH
1/6	1/2	4 1/2
1/16	11/16	5
3/32	1/2	4 1/2
3/32	5/8	5
1/8	1/2	4 1/2
1/8	3/4	5
1/8	3/4	6
1/8	7/8	6
1/8	7/8	7
3/16	3/4	6
3/16	13/16	6
3/16	1	6 1/2
3/16	1	8
3/16	1 1/8	7
1/4	1 1/8	7
1/4	1 1/4	7
1/4	1 1/4	9

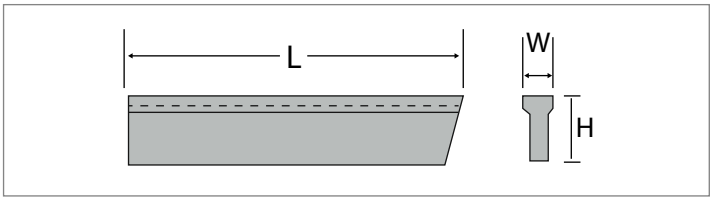
Available Grade:-

BP 101 GRADE M2 WITHOUT COBALT

BP 202 GRADE M35 WITH 5% COBALT

CUT-OFF BLADES P TYPE (T SHAPED)

HIGH SPEED STEEL



	SIZE (INCH)		
CODE	HEIGHT	HEIGHT	LENGTH
P1N	0.04	1/2	3 1/2
P1N	1/16	1/2	4 1/2
P2N	5/64	1/2	4 1/2
P2	3/32	1/2	4 1/2
P3S	1/8	1/2	4 1/2
P3N	3/32	11/16	5
P3	1/8	11/16	5
P4	5/32	11/16	5
P5S	3/16	11/16	5
P3W	1/8	3/4	5
P4W	5/32	3/4	5
P5W	3/16	3/4	5
P5X	1/8	7/8	6
P5N	5/32	7/8	6
P5	3/16	7/8	6
P6	1/4	7/8	6
P8X	1/8	1 1/8	6 1/2
P8N	5/32	1 1/8	6 1/2
P8	3/16	1 1/8	6 1/2
P9	1/4	1 1/8	6 1/2
P10	5/16	1 1/8	6 1/2

Available Grade:-

BP 101 GRADE M2 WITHOUT COBALT

BP 202 GRADE M35 WITH 5% COBALT

HOLE SAWS

UNIVERSAL HOLE SAW

Universal Hole Saws are precision-crafted from HSS M42 (8% Cobalt) grade Bimetal Strips imported from leading European suppliers. The tooth geometry is specially designed in-house by R&D team which ensures efficient cutting across various materials. The Hole Saws undergo advanced heat treatment in fully automated, CNC-controlled imported furnaces within an inert atmosphere, resulting in exceptional consistency in hardness and improved toughness. With a single-piece construction and inbuilt Arbor & Drill, our Universal Hole Saw offers convenience and superior performance.

DIAMETER					
MM	INCH	MM	INCH	MM	INCH
12	1/2	40	1-5/8	70	2-3/4
16	5/8	44	1-3/4	76	3
19	3/4	48	1-7/8	79	3-1/8
22	7/8	51	2	83	3-1/4
25	1	54	2-1/4	86	3-3/8
29	1-1/8	57	2-1/4	89	3-1/2
32	1-1/4	60	2-3/8	92	3-3/8
35	1-3/8	64	2-1/2	95	3-3/4
38	1-1/2	67	2-5/8	102	4

Features:-

- Extended Cutting Depth: Offers a cutting depth of 27 mm, providing twice the lifespan compared to conventional Hole Saws.
- Versatile Material Cutting: Specially designed for cutting various soft and hard materials, ensuring excellent performance across different applications.
- Improved Hardness and Toughness: HSS teeth exhibit higher hardness and toughness, ensuring exceptional cutting performance and extended tool life.

PRECISION HOLE SAW

Precision Hole Saws, manufactured from HSS M42 (8% Cobalt) imported Bimetal Strips. Our in-house R&D team has meticulously designed the tooth geometry with a variable pitch and positive rake angle. These Hole Saws undergo advanced heat treatment in fully automated CNC controlled imported furnaces, creating a consistent hardness and enhanced toughness within an inert atmosphere. Experience precision cutting at its finest. The depth of Holesaw is 41 mm which offers making holes on High Thickness Sheets.

DIAMETER							
MM	INCH	MM	INCH	MM	INCH	MM	INCH
14	9-16	44	1-3/4	79	3-1/8	114	4-1/2
16	5/8	48	1-7/8	83	3-1/4	121	4-3/4
19	3/4	51	2	86	3-3/8	127	5
22	7/8	54	2-1/8	89	3-1/2	133	5-1/4
25	1	57	2-1/4	92	3-5/8	140	5-1/2
29	1-1/8	60	2-3/8	95	3-3/4	152	6
32	1-1/4	64	2-1/2	102	4	160	6-5/16
35	1-3/8	67	2-5/8	105	4-1/8	183	7-5/16
38	1-1/2	70	2-3/4	108	4-1/4	210	8-1/4
40	1-9/16	76	3	111	4-3/8		

Features:-

- Special heat treatment ensures faster cutting compared to conventional Hole Saws.
- Provides extra swap clearance for cutting thicker metal sections.
- Better Drill geometry allows for easier penetration into the material.
- Smooth cut with reduced tendency to snag on irregular surfaces.
- Suitable for cutting various materials, including Cast Iron, Mild Steel, Cast Steel, Stainless Steel, Aluminium, Duralium, Non Ferrous Alloys, Bakelite, Bronze, Brass, Wood, Hardwood, and Plaster of Paris.
- Ideal for a variety of applications, such as production, maintenance, electrical panel manufacturing, plumbing, and carpentry.

BORESMART HOLE SAW

BoreSmart Hole Saws are precision-crafted from HSS M42 (8% Cobalt) grade Bimetal Strips imported from leading European suppliers. The tooth geometry is specially designed in-house by the R&D team, which ensures efficient cutting across various materials. The Hole Saws undergo advanced heat treatment in fully automated, CNC-controlled imported furnaces within an inert atmosphere, resulting in exceptional consistency in hardness and improved toughness. With a single-piece construction and an inbuilt Arbor & Drill, our BoreSmart Hole Saw offers convenience and superior performance.

DIAMETER					
MM	INCH	MM	INCH	MM	INCH
12	1/2	40	1-5/8	70	2-3/4
16	5/8	44	1-3/4	76	3
19	3/4	48	1-7/8	79	3-1/8
22	7/8	51	2	83	3-1/4
25	1	54	2-1/4	86	3-3/8
29	1-1/8	57	2-1/4	89	3-1/2
32	1-1/4	60	2-3/8	92	3-3/8
35	1-3/8	64	2-1/2	95	3-3/4
38	1-1/2	67	2-5/8	102	4

Applications:-

- DIY
- Retail and Hardware
- Electrical Panel works
- Wood and Metal Industry

Features:-

- Cutting Depth: Offers a cutting depth of 19 mm, providing twice the lifespan compared to conventional Hole Saws.
- Versatile Material Cutting: Specially designed for cutting various soft and hard materials, ensuring excellent performance across different applications.
- Improved Hardness and Toughness: HSS teeth exhibit higher hardness and toughness, ensuring exceptional cutting performance and extended tool life.

TCT HOLE SAW

Material Excellence:-

- C45 Carbon Steel Body
- High-Speed Steel Core
- 10X (K30) Alloy Edge
- Superior Drilling

Surface treatment:-

- Precision sandblasting with stainless steel
- Clean, polished, enduring surfaces
- Time-tested excellence in every grain

Specification range:-

- From Precision of 15mm to Expansiveness of 200mm

Range of application:-

- Ideal for flat & curved surfaces
- Suits metal and stainless steel
- Efficient up to 26mm thickness

DIAMETER					
MM	INCH	MM	INCH	MM	INCH
14	9/16	32	1-1/4	60	2-3/8
16	5/8	35	1-3/8	64	2-1/2
19	3/4	38	1-1/2	76	3
22	7/8	40	1-9/16	89	3-1/2
25	1	44	1-3/4	105	4-1/8
29	1-1/8	51	2		
30	1-3/16	57	2-1/4		

HSS M2 HOLE SAW

Our HSS All Hard Hole saws are made from HSS M2 Material.

SIZE MM	INCH
19	3/4"
22	7/8"
29	1-1/8"
32	1-1/4"
44	1-3/4"
51	2

Features:-

- Single Piece Construction: Comes with BPA 02 Arbor and ejector spring for easy use.
- It has an additional teeth relief gullet at each tooth for efficient chip removal while drilling.
- Suitable for drilling bigger thickness sheets, ranging from 4mm to 6mm thickness.
- Begin cutting at low (or recommended) speed (RPM), gradu ally increasing the speed as ease of cutting improves. Avoid extreme heat build-up on the cutting surface.

ARBOR

BIPICO offers three types of Arbors specially designed to perfectly complement PRECISION HOLE SAWS. These Arbors feature a hex shank for improved grip and an interlocking provision for added stability.

Arbor Types:-

- BPA03 Hex Shank 9mm (3/8") - Suitable for Dia 14mm to 35mm Hole Saws
- BPA05 - Quick Release Hex Shank 9mm (3/8") - Suitable for Dia 38mm to 210mm Hole Saws
- BPA06 Quick Release Hex Shank 11 mm (7/16") - Suitable for Dia 38mm to 210mm Hole Saws

HOLE SAW KIT

Our Hole Saw Kits are tailored to hole through any material with ease. Each kit comprises assorted Hole Saws and accessories meticulously crafted for specific applications in electrical, plumbing, and interior decoration.

We have curated three different types of kits which are suitable for different purposes, making them indispensable tools for providing a hole as per required sizes.

The standard Kits have in them Bimetal M42 (8% Cobalt) Hole Saws of variable TPI.

General Purpose Kit

Universal Kit

Special Purpose Kit

JOB	HOLE SAW MM	ACCESSORIES
General Purpose Kit	25, 29, 35, 44, 51 & 64	BPA03 & BPA05 Arbors, HSP Ejector Spring
Electrician Kit	16, 20, 25, 29, 44 & 51	BPA03 & BPA05 Arbors, HSP Ejector Spring
Electrician Kit	16, 20, 22, 25, 29, 35, 44, 51, 64, 68 & 76	BPA03 & BPA06 Arbors, HSP Ejector Spring
Plumbers Kit	19, 22, 29, 38, 44, 51 & 57	BPA03 & BPA05 Arbors, HSP Ejector Spring
Plumbers Kit	16, 19, 22, 29, 35, 38, 44, 51, 57, 65 & 68	BPA03 & BPA06 Arbors, HSP Ejector Spring
Plumbers and Electrician Kit	16, 20, 22, 29, 35, 38, 40, 44, 51, 57, 65 & 68	BPA03 & BPA06 Arbors, HSP Ejector Spring
Automotive Kit	19, 22, 25, 29, 32 & 38	BPA03 & BPA05 Arbors
Locksmith Kit	24, 27, 32, 35, 38, 54 & 60	BPA03 & BPA05 Arbors, HSP Ejector Spring
Locksmith Kit	22, 24, 25, 27, 32, 35, 38, 44, 54 & 60	BPA03 & BPA06 Arbors, HSP Ejector Spring
Universal Kit	16, 57, 64, 20, 22, 25, 29, 32, 35, 38, 44, 51, 68 & 76	BPA03 & BPA06 Arbors, HSP Ejector Spring

HOLE SAW CUTTING TIPS

Recommended Cutting Speeds (RPM) for Sawing various materials

SAW DIAMETER		MILD STEEL RPM	STAINLESS & TOOL STEEL RPM	CAST IRON RPM	BRASS & ALUMINIM RPM
MM	INCH				
14-25	9/16-1	580-350	300-175	400-235	790-470
27-51	1 1/16-2	325-170	160-85	215-115	435-230
52-76	2 1/16-3	165-115	80-85	110-75	220-150
79-102	3 1/8-4	110-85	55-40	70-55	140-110
105-210	4 1/8-8 9/32	80-40	40-20	55-25	110-60

Features:-

- Always wear safety glasses
- Keep hands, loose hair, and clothing away from the rotating Saws.
- Use oil or coolant on most metals except cast iron for smoother cutting.
- Hold the Impact Drill machine firmly and keep it perpendicular to the work surface.
- Use enough pressure to ensure the Hole Saw cuts efficiently, clearing chips frequently.
- Follow the recommended cutting speed for the Hole Saw's diameter, RPM, and material to be cut. Consider using a variable speed machine, if available.
- For harder materials and tough cuts, opt for a self-locking Arbor to reduce chatter and vibrations during cutting.
- When sawing tough materials like ceramics, consider removing the Drill from the Hole Saw once the position is established, allowing for faster cutting with reduced pressure.
- Use coolant, especially when cutting metals and fired ceramics.

ABRASIVES

SAFETY RECOMMENDATIONS


Wear Protective Goggles


Wear Ear Protectors


Wear Protective Gloves


Wear Dust Respirator

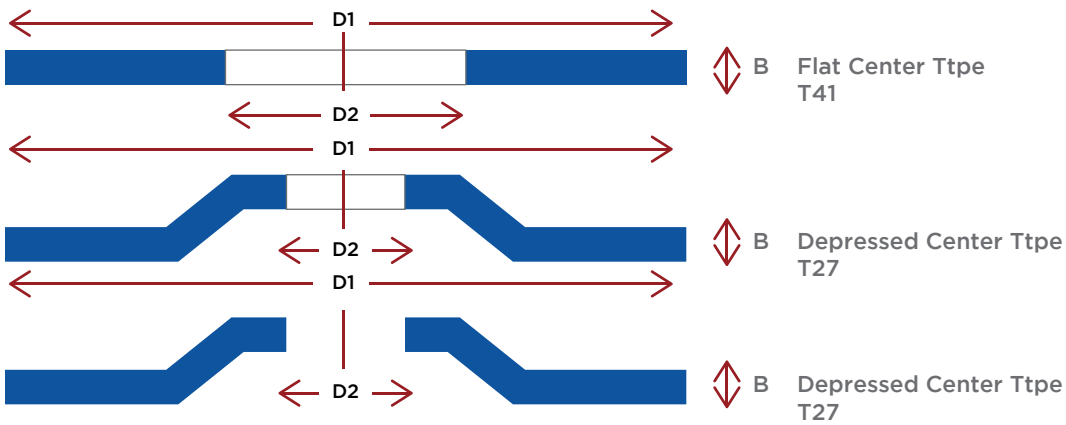

Observe Safety Recommendations


Not Approved for Side Grinding

ABRASIVE TYPE CODE	GRIT SIZE	HARDNESS GRADE	BOND BF
A = Aluminium Oxide	16 - 24 Coarse	(A-Z)The hardness is graded from soft to hard by means of letters in alphabetically ascending order	BF = Resinoid bond
C = Silicon Carbide	30 - 60 Medium	(A TO Z) H-K = soft LI=medium P-S = hard T-Z very hard	Fibre = Reinforced
Z = Zirconia Alumina Grain	70 - 220 Fine- Medium		woven or non-woven
ZA = Zirconia Alumina Grain /Aluminium Oxide			
WA = White Corundum			

DIMENSION AND SHAPES

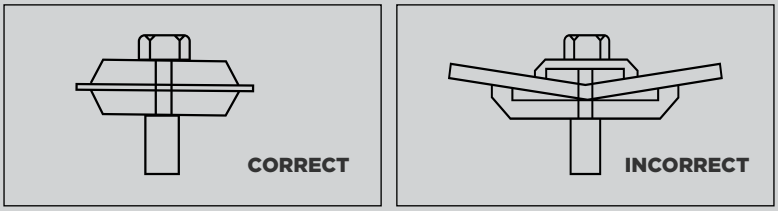
The diameter, thickness and center hole dimension are indicated in the drawings and tables by means of the following symbols:



MOUNTING SYSTEM

Always ensure to use flanges with the same diameter and support areas for cutting and grinding operations.

Never mix flanges with different diameters as it can lead to unsafe conditions and should be avoided.



MAXIMUM OPERATING SPEED

As per EN12413 specifications, the product label displays the maximum operating speed (m/s) of the tool.

This maximum permissible RPM specification corresponds to the nominal diameter of the tools.

CUTTING WHEEL

- Always wear safety glasses
- High-Performance Abrasive for Metal, Stainless Steel, and Precious Metals.
- Leaves No Burning Marks on the Work Piece.
- Ensures Good Durability and Excellent Finish.
- Enhanced Safety and Efficiency.
- Enables Fast and Smooth Cutting.

CUTTING WHEEL				
D1 x B x D2		SPECIFICATION	M/S	RPM
SIZE IN METRIC	SIZE IN INCH			
76x1x9.52	3x1/25x3/8	AWA600BF	80	20100
76x1.6x9.53	3x1/16x3/8	AWA460BF	80	20100
100x1x16	4x1/25x5/8	AWA600BF	80	15300
100x1.6x16	4x1/16x5/8	AWA460BF	80	15300
115x1x22	4-1/2x1/25x7/8	AWA600BF	80	13300
115x1.6x22	4-1/2x1/16x7/8	AWA460BF	80	13300
125x1x22	5x1/25x7/8	AWA600BF	80	12200
125x1.6x22	5x1/16x7/8	AWA460BF	80	12200
180x1.6x22	7x1/16x7/8	AWA460BF	80	8500
230x1.6x22	9x1/16x7/8	AWA460BF	80	6600

CUTTING WHEEL FOR ALL METALS

- 'A' class Aluminium Oxide Grains.
- High Security for worry-free usage.
- Enables fast and smooth cutting.
- Demonstrates impressive durability and delivers an excellent finish.

CUTTING WHEEL FOR ALL METALS				
D1 x B x D2		SPECIFICATION	M/S	RPM
SIZE IN METRIC	SIZE IN INCH			
76x3x9.53	3x1/8x3/8	A30RBF	80	20100
100x3x16	4x1/8x5/8	A30RBF	80	15300
115x3x22	4-1/2x1/8x7/8	A30RBF	80	13300
125x3x22	5x1/8x7/8	A30RBF	80	12200
180x3x22	7x1/8x7/8	A30RBF	80	8500
230x3x22	9x1/8x7/8	A30RBF	80	6600
300x2x25.4	12x0.078/1x1	A30RBF	80	5100
300x3x25.4	12x1/8x1	A30RBF	80	5100
355x3x25.4	14x1/8x1	A30RBF	80	4400
355x4x25.4	14x5/32x1	A24RBF	80	4400
405x4x22.2	16x5/32x7/8	A24RBF	80	3800
405x4x25.4	16x5/32x1	A24RBF	80	3800

GRINDING DISC FOR ALL METALS

- 'A' class Aluminium Oxide Grains
- Leaves no burning marks on the work piece.
- Demonstrates impressive durability and provides an excellent finish.
- Enables fast and smooth cutting for efficient operations.

GRINDING DISC FOR ALL METALS				
D1 x B x D2		SPECIFICATION	M/S	RPM
SIZE IN METRIC	SIZE IN INCH			
100x6x16	4x1/4x5/8	A24SBF	80	15300
115x6x22	4-1/2x1/4x7/8	A24SBF	80	13300
115x6x16	4-1/2x1/4x5/8	A24SBF	80	13300
125x6x22	5x1/4x7/8	A24SBF	80	12200
150x6x22	6x1/4x7/8	A24SBF	80	10200
180x6x16	7x1/4/5/8	A24SBF	80	8500
180x6x22	7x1/4x7/8	A24SBF	80	8500
200x6x16	8x1/4x5/8	A24SBF	80	7400
200x6x22	4x1/4x7/8	A24SBF	80	7400
230x6x22	9x1/4x7/8	A24SBF	80	6600
230x6x16	4x1/4x5/8	A24SBF	80	6600

FLAP DISC (ALUMINIUM OXIDE, ZIRCONIA OXIDE)

Material: - Aluminium oxide, Zirconia oxide Abrasives.

Application: - Removing materials, edges, chamfering, burrs rust, trimming of weld joints, surface cleaning and finishing.

Features: -

Our Flap Discs enable quick sharpening, ensuring work pieces remain free from burning. They have high grinding efficiency, excellent safety during use, and an extended service life.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
100 X 16 MM	4 X 0.63	Metal	36/60/80/120
100 X 16 MM	4 X 0.63	Zircon (SS)	60 / 80
100 X 16 MM (Premium)	4 X 0.63	Metal	60/80/120
125 mm X 22.2 mm	5 X 0.87	Metal	60/80/120
125 mm X 22.2 mm (Premium)	5 X 0.87	Metal	60/80/120

ALUMINIUM OXIDE FIBER DISC

Made from flexible Hard Fiber Vulcanized Paper coated with Aluminium Oxide, this versatile abrasive tool excels in various applications. Use it for rust removal, paint stripping, deburring, grinding, and welding seam polishing with ease and efficiency.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
100 mm	4	Metal	36/60/80/100
125 mm	5	Metal	16
125 mm	5	Metal	24/36/60/80/120
180 mm	6	Metal	24/36/60/80

VELCRO DISC

Our tool-free, fast-changing disc finds widespread use across various industries, including automotive, hardware, electronics, plastic, furniture, hand-crafts, and low alloy polishing. Enjoy quick and effortless disc replacement for enhanced productivity and convenience.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
100 MM	4	Metal	320
125 MM	5	Metal	36/40/60/80/100
150 MM	6	Metal	60/80/100/120/150/220/240/320

NON WOVEN PAD

Ideal for rust removal from any surface, as well as sharp polishing and cleaning of both metal and tiles.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
150 mm x 230 mm	6 X 9	Green	240
150 mm x 230 mm	6 X 9	Maroon	400
150 mm x 230 mm	6 X 9	Brown	600

RESIN METAL CLOTH TAPE ROLL

Our Aluminium Oxide Abrasive Cloth Roll is designed for joint belt and disc applications. It comes in various grit options, making it suitable for polishing, surface cleaning, and metal removal tasks in industries such as automotive, furniture, aviation, and engineering.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
50 X 50000	2" x 50 Meter	Metal	60/80/120
100 X 50000	4" x 50 Meter	Metal	60/80/120
100 X 50000	4" x 50 Meter - Green	Metal	60/80/100/120
150 X 50000	6" x 50 Meter	Metal	60/80/120
300 X 50000	12" x 50 Meter – Green / Brown	Metal	36/60/80/100/120/180/ 220/320/400

MARBLE CUTTER MAX KUTT

Segmented Blades

These blades are designed for rapidly cutting marbles.
Available Size: 4", 4 ½", 5", 6" and 7"

Turbo

These blades are designed for rapidly cutting of granites, marbles, concrete etc.
Available Size: 4"

Continuous Rim

These blades are designed for smooth and free cutting of tiles, ceramics, porcelain & moulding work.
Available Size: 4"

TCT CUTTER MAX KUTT FOR WOOD & ALUMINIUM

These blades are designed for cutting normal and standard wood series and all types of aluminium pipes, rod, sections and angle channel.
Available Size for wood 4" (110mm) to 14" (350mm)
Available Size for aluminium 7" (180mm) to 14" (350mm)

MOP WHEEL (FLAP WHEEL ON SHAFT)

Used for polishing, deburring & removal of rust, scratches on all metals.

SIZE IN MM	SIZE IN INCH	TYPE	GRITS
25 x 25 mm	1 X 1	Metal	60/80/120
40 x 25 mm	1 ½ X 1	Metal	60/80/120
50 x 25 mm	2 X 1	Metal	60/80/120
60 x 25 mm	2 1/3 X 1	Metal	60/80/120
80 x 25 mm	3 X 1	Metal	60/80/120
50 x 50 mm	2 X 2	Metal	60/80/120
50 x 75 mm	2 X 3	Metal	60/80/120

STEEL FILES

SUPERCUT - STEEL FILES

All type of machinist files are used for filing & small amount of material removal of Ferrous & Non-ferrous metals, casting components etc. Saw files are used for sharpening & polishing purpose on metals as well as Granites, Vitrified tiles etc. Rasps are used on soft materials like rubber, lather, wood, plastic etc for filing purpose.

Used for removing rust from any place, for sharp Polishing and cleaning of Metal and Tiles.

	MACHINIST FILES		
	FLAT / HALF ROUND / ROUND / SQUARE / THREE SQUARE		
SIZE MM	BASTARD	2ND CUT	SMOOTH
100	√	√	√
150	√	√	√
200	√	√	√
250	√	√	√
300	√	√	√
350	√	√	√

MACHINIST FILES			
SIZE MM	FLAT SUPER LIGHT	FLAT HANDLE	MILL FILE
	2ND CUT	BASTARD /2ND CUT	MILL BASTARD
100			√
150			√
200			√
250	√	√	√
300			√
350			√

RASP FILES			SAW FILES			
FLAT WOOD RASPS	HALF ROUND WOOD RASP	HORSE RASP	SIZE MM	HEAVY / REGULAR TAPPER	FLAT HANDLE	FLAT HANDLE
SIZE MM	SIZE MM					
			100	√	√	√
			113	√	√	√
			125	√	√	
√	√		150	√	√	
√	√		200	√	√	
√	√		250			
√	√	√	300			
√	√	√	350			

TCT CIRCULAR SAWS AND ANNULAR CUTTERS

CARBIDE CIRCULAR SAW BLADES FOR METAL CUTTING

Carbide Tipped Circular Saw Blade, widely known as the Throw Away Blade.
Our Throw Away CERMET Circular Saw Blade is specifically designed for cutting solid steel sections, ensuring fine-finish cutting, high impact response, and extended tool life.

Our Carbide Tipped Circular Saw Blade is suitable for high alloy steel and stainless steel.
Our Throw Away Carbide Circular Saw Blade with PVD coating is ideal for cutting medium and high stainless solid steel sections.

DIA (MM)	KERF (MM)	BODY (MM)	BORE (MM)	TEETH
250	2	1.7	32	54
250	2	1.75	32	60
250	2	1.75	32	72
250	2	1.75	32	80
250	2	1.75	32	100
285	2	1.7	32	60
285	2	1.75	40	7
285	2	1.75	40	80
285	2	1.75	40	100
285	2	1.75	40	120
285	2	1.75	40	140
315	2.3	2	32	54
315	2.3	2	32	60
315	2.3	2	32	72
315	2.3	2	32	80
315	2.3	2	32	100
315	2.3	2	32	120
360	2.6	2.25	40	60
360	2.6	2.3	50	72
360	2.6	2.3	50	80
360	2.6	2.3	50	100
360	2.6	2.3	50	120
420	2.7	2.25	40	50
425	2.7	2.3	50	60
425	2.7	2.3	50	72
425	2.7	2.3	50	80
425	2.7	2.3	50	100
425	2.7	2.3	50	120
460	2.7	2.25	40	50
460	2.7	2.3	50	60
460	2.7	2.3	50	72
460	2.7	2.3	50	80
460	2.7	2.3	50	100
460	2.7	2.3	50	120
480	2.7	2.25	40	50
480	2.7	2.3	50	60
480	2.7	2.3	50	72
480	2.7	2.3	50	80
730	5.5	4	80	64

FOR STAINLESS STEEL CUTTING

Bipico can provide special grade coated TCT Circular Saw for cutting Stainless Steel.

Work materials:
Steel Bars , Seamless steel pipes,

Work Shapes:
Bloom, Billet, Bar, Pipe

Tooth types
Notched tooth with breaker

Carbide tip materials
TiN, AlTiN, CrN, TiCN


Steel


Tube


Copper


Brass


Stainless


Aluminium

FOR HARD MATERIAL CUTTING

Bipico can provide special grade coated TCT Circular Saw for cutting Hard Material.

Work materials:
Steel Bars , Seamless steel pipes,

Work Shapes:
Bloom, Billet, Bar, Pipe

Tooth types
Triple Tip Grind, Notched Tooth

Carbide tip materials
TiN, AlTiN, CrN, TiCN

HIGH SPEED STEEL & TUNGSTEN CARBIDE TIP ANNULAR CUTTER

Annular Cutter is also popularly known as Core Drill, Core Cutter, and Broach Cutter.

TCT ANNULAR CUTTER

TCT Annular Cutter with Weldon Shank/Universal Shank

Our Tungsten Carbide Annular Cutter, manufactured from the finest quality imported carbide material with a European grade, features a special geometry carbide tip, making it a remarkably hard tool, ideal for cutting through tough materials. This popular choice is widely used on magnetic drilling machines and drill presses for efficient and precise drilling operations.

Features:-

- Specially optimized for Magnetic Drilling Machine
- Offers high heat resistance and longer service life.
- Ability to be re-sharpened for prolonged usability.
- Allows for drilling without excessive force.
- Maintains good efficiency until the desired length remains.
- Cuts only the periphery of a hole, leaving a circular slug at the center.
- Delivers a perfect smooth finish for impeccable results.

SIZE IN MM	SHANK	CUTTING DEPTH
12	19.5	40/55
13	19.5	40/55
14	19.5	40/55
15	19.5	40/55
16	19.5	40/55
17	19.5	40/55
18	19.5	40/55/75/100
19	19.5	40/55/75/100
20	19.5	40/55/75/100
21	19.5	40/55/75/100
22	19.5	40/55/75/100
23	19.5	40/55/75/100
24	19.5	40/55/75/100
25	19.5	40/55/75/100
26	19.5	40/55/75/100
27	19.5	40/55/75/100
28	19.5	40/55/75/100
29	19.5	40/55/75/100
30	19.5	40/55/75/100
31	19.5	40/55/75/100
32	19.5	40/55/75/100
33	19.5	40/55/75/100
34	19.5	40/55/75/100
35	19.5	40/55/75/100
36	19.5	40/55/75/100
37	19.5	40/55/75/100
38	19.5	40/55/75/100
39	19.5	40/55/75/100
40	19.5	40/55/75/100
41	19.5	40/55/75/100
42	19.5	40/55/75/100
43	19.5	40/55/75/100
44	19.5	40/55/75/100
45	19.5	40/55/75/100
46	19.5	40/55/75/100
47	19.5	40/55/75/100
48	19.5	40/55/75/100
49	19.5	40/55/75/100
50	19.5	40/55/75/100
51	19.5	40/55/75/100
52	19.5	40/55/75/100
53	19.5	40/55/75/100
54	19.5	40/55/75/100
55	19.5	40/55/75/100
56	19.5	40/55/75/100
57	19.5	40/55/75/100

SIZE IN MM	SHANK	CUTTING DEPTH
58	19.5	40/55/75/100
59	19.5	40/55/75/100
60	19.5	40/55/75/100
61	31.75	55/75/100
62	31.75	55/75/100
63	31.75	55/75/100
64	31.75	55/75/100
65	31.75	55/75/100
66	31.75	55/75/100
67	31.75	55/75/100
68	31.75	55/75/100
69	31.75	55/75/100
70	31.75	55/75/100
71	31.75	55/75/100
72	31.75	55/75/100
73	31.75	55/75/100
74	31.75	55/75/100
75	31.75	55/75/100
76	31.75	55/75/100
77	31.75	55/75/100
78	31.75	55/75/100
79	31.75	55/75/100
80	31.75	55/75/100
81	31.75	55/75/100
82	31.75	55/75/100
83	31.75	55/75/100
84	31.75	55/75/100
85	31.75	55/75/100
86	31.75	55/75/100
87	31.75	55/75/100
88	31.75	55/75/100
89	31.75	55/75/100
90	31.75	55/75/100
91	31.75	55/75/100
92	31.75	55/75/100
93	31.75	55/75/100
94	31.75	55/75/100
95	31.75	55/75/100
96	31.75	55/75/100
97	31.75	55/75/100
98	31.75	55/75/100
99	31.75	55/75/100
100	31.75	55/75/100
101	31.75	55/75/100
102	31.75	55/75/100
103	31.75	55/75/100

SIZE IN MM	SHANK	CUTTING DEPTH
104	31.75	55/75/100
105	31.75	55/75/100
106	31.75	55/75/100
107	31.75	55/75/100
108	31.75	55/75/100
109	31.75	55/75/100
110	31.75	55/75/100
111	31.75	55/75/100
112	31.75	55/75/100
113	31.75	55/75/100
114	31.75	55/75/100
115	31.75	55/75/100
116	31.75	55/75/100
117	31.75	55/75/100
118	31.75	55/75/100
119	31.75	55/75/100
120	31.75	55/75/100
121	31.75	55/75/100
122	31.75	55/75/100
123	31.75	55/75/100
124	31.75	55/75/100
125	31.75	55/75/100
126	31.75	55/75/100
127	31.75	55/75/100
128	31.75	55/75/100
129	31.75	55/75/100
130	31.75	55/75/100
131	31.75	55/75/100
132	31.75	55/75/100
133	31.75	55/75/100
134	31.75	55/75/100
135	31.75	55/75/100
136	31.75	55/75/100
137	31.75	55/75/100
138	31.75	55/75/100
139	31.75	55/75/100
140	31.75	55/75/100
141	31.75	55/75/100
142	31.75	55/75/100
143	31.75	55/75/100
144	31.75	55/75/100
145	31.75	55/75/100
146	31.75	55/75/100
147	31.75	55/75/100
148	31.75	55/75/100
149	31.75	55/75/100
150	31.75	55/75/100

Pilot Pin for Cutting Depth 40mm & 55mm
6.34 mm x 77 mm / 6.34 mm x 90 mm
7.98 mm x 90 mm / 7.98 mm x 106 mm

HSS ANNULAR CUTTER

HSS Annular Cutters are crafted from premium imported high-speed steel M2 grade material, making them the most popular core drills in the market.

Features:-

- Ability to be re-sharpened for extended usability.
- Ensures good efficiency until the desired length remains.
- Boasts a long service life for reliable performance.
- Provides higher heat resistance for durability.
- Enables drilling without excessive force, ensuring smooth and efficient operations

SIZE IN MM	SHANK	CUTTING DEPTH	SIZE IN MM	SHANK	CUTTING DEPTH
12	19.5	40/55	37	19.5	25/50/75/100
13	19.5	40/55	38	19.5	25/50/75/100
14	19.5	40/55	39	19.5	25/50/75/100
15	19.5	40/55	40	19.5	25/50/75/100
16	19.5	40/55	41	19.5	25/50/75/100
17	19.5	40/55	42	19.5	25/50/75/100
18	19.5	40/55/75/100	43	19.5	25/50/75/100
19	19.5	40/55/75/100	44	19.5	25/50/75/100
20	19.5	40/55/75/100	45	19.5	25/50/75/100
21	19.5	40/55/75/100	46	19.5	25/50/75/100
22	19.5	40/55/75/100	47	19.5	25/50/75/100
23	19.5	40/55/75/100	48	19.5	25/50/75/100
24	19.5	40/55/75/100	49	19.5	25/50/75/100
25	19.5	40/55/75/100	50	19.5	25/50/75/100
26	19.5	40/55/75/100	51	19.5	25/50/75/100
27	19.5	40/55/75/100	52	19.5	25/50/75/100
28	19.5	40/55/75/100	53	19.5	25/50/75/100
29	19.5	40/55/75/100	54	19.5	25/50/75/100
30	19.5	40/55/75/100	55	19.5	25/50/75/100
31	19.5	40/55/75/100	56	19.5	25/5070/100
32	19.5	40/55/75/100	57	19.5	25/50/75/100
33	19.5	40/55/75/100	58	19.5	25/50/75/100
34	19.5	40/55/75/100	59	19.5	25/50/75/100
35	19.5	40/55/75/100	60	19.5	25/50/75/100
36	19.5	40/55/75/100			

Pilot Pin for
Cutting Depth 40mm & 55mm

4.74 mm x 77 mm
for Dia 12 mm to 16 mm
Cutting Depth= 25 mm

4.74 mm x 106 mm
for Dia 12 mm to 16 mm
Cutting Depth= 50 mm

6.34 mm x 77 mm
for Dia 17 mm to 60 mm
Cutting Depth= 25 mm

6.34 mm x 106 mm
for Dia 17 mm to 60 mm
Cutting Depth= 50 mm

7.98 mm x 106 mm
7.98 mm x 155 mm

OUR PACKAGING

HSS Flexible Bimetal Hand Hacksaw Blade	HSS Hand Hacksaw Blade	HSS Power Blade	Bimetal HSS Power Blade
			

HSS Flexible bimetal Hand Hacksaw Blade	Arbor	Bimetal Bandsaw M51	Bimetal Bandsaw M42
			

Bimetal Bandsaw	Toolbit	Tension Meter	Tension Meter
			

OUR PACKAGING

Holesaw

Holesaw Kit

Files

Flap Disc

Marble Cutter

TCT Cutter

Hacksaw Frame

Pistol Grip Junior Saw Frame

Rectangular Frame

MCB Coil

NOTES

BIPICO®

Cutting... Leave it to us

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