MIRANDA

HAND HACKSAW BLADES HSN CODE - 82021010

Normal Size (length x width x thickness)		HSS - ALL HAND		HSS -BIMETAL		LOW ALLOY Rs./Piece
Inches	Millimeters	Teeth Per Inch (TPI)	HSS Regular Rs./Piece	Teeth Per Inch (TPI)	HSS - BIMETAL Rs./Piece	
12 x 1/2 x 0.025 (23G)	300x12.5x0.63	14 18 24 32	73	14 18 24 32	64	7

POWER HACKSAW BLADES HSN CODE - 82029110

Normal Size (length x width x thickness)		HSS - ALL HAND		HSS -BIMETAL		LOW ALLOY Rs./Piece
Inches	Millimeters	Teeth Per Inch (TPI)	HSS Regular Rs./Piece	Teeth Per Inch (TPI)	HSS - BIMETAL Rs./Piece	
12 x 1x 0.050 (18G)	300 x 25 x 1.25	10 , 14	329	10 , 14	253	31
14 x 1 x 0.050 (18G)	350 x 25 x 1.25	6 , 10 , 14	370	6 ,10 ,14	287	37
16 x 1 x 0.050 (18G)	400 x 25 x 1.25	10 , 14	488	10 , 14	395	42
17 x 1 x 0.050 (18G)	425 x 25 x 1.25	10 , 14	551	10 , 14	429	
18 x 1 x 0.050 (18G)	450 x 25 x 1.25	10 , 14	558	10 , 14	439	53
14 x 1 1/4 x 0.062 (16G)	350 x 32 x 1.60	6 , 10	630	6 , 10	481	51
16 x 1 1/4 x 0.062 (16G)	400 x 32 x 1.60	6 , 10	726	6 , 10	550	59
17 x 1 1/4 x 0.062 (16G)	425 x 32 x1.60	6 , 10	782	6 , 10	621	
18 x 1 1/4 x 0.062 (16G)	450 x 32 x 1.60	6 , 10	807	6 , 10	630	69
18 x 1 1/4 x 0.080 (14G)	450 x 32 x 2.00	4, 6, 10	1005	-		
18 x 1 1/2 x 0.062 (16G)	450 x 40 x 1.60	6 , 10	1077	-		86
18 x 1 1/2 x 0.080 (14G)	450 x 40 x 2.00	4, 6, 10	1190	6	911	-
20 x 1 1/2 x 0.080 (14G)	500 x 40 x 2.00	4, 6, 10	1323	6	1005	-
21 x 1 1/2 x 0.080 (14G)	525 x 40 x 2.00	4, 6, 10	1397	4, 6	1116	-
22 x 1 1/2 x 0.080 (14G)	550 x 40 x 2.00	4, 6	1461	4, 6	1213	-
24 x 1 1/2 x 0.080 (14G)	600 x 40 x 2.00	4, 6, 10	1603	4, 6	1309	-
24 x 1 1/2 x 0.100 (12G)	600 x 40 x 2.50	4, 6	1903	-		-
28 x 1 1/2 x 0.100 (12G)	700 x 40 x 2.50	4, 6	2294	-		-
30 x 1 1/2 x 0.100 (12G)	750 x 40 x 2.50	4, 6	2553	-		-
24 x 2 x 0.080 (14G)	600 x 50 x 2.00	4, 6	2248	-		-
24 x 2 x 0.100 (12G)	600 x 50 x 2.50	4, 6	2661	4, 6	2024	-
28 x 2 x 0.100 (12G)	700 x 50 x 2.50	4, 6	3101	4, 6	2331	-
30 x 2 x 0.100 (12G)	750 x 50 x 2.50	4, 6	3457	4, 6	2688	-
32 x 2 x 0.100 (12G)	800 x 50 x 2.50	4, 6	3542	4, 6	2754	-
36 x 2 x 0.100 (12G)	900 x 50 x 2.50	4, 6	4176	4, 6	3243	-
32 x 2 1/2 x 0.100 (12G)	800 x 55 x 2.50	-		4	3460	-

Taxes extra as applicable on date of supply. # Prices are subject to changes without notice

Width specification are approximate and depend upon availability of RM Steel

Any other dimensional variability may occur due to RM Steel availability, but adequate rigidity in cutting is assured

METAL CUTTING BANDSAW BLADE HSN CODE - 82022000

Normal Size (length x width x thickness) Inches	Millimeters	Teeth Per Inch (TPI) Racket Set			Wavy Set				Price for 30.5 Mtrs. Long Roll Rs./Roll
1/4 x 0.025 (23G)	6.35 x 0.63				10	14	18	24	1981
3/8 x 0.025 (23G)	9.53 x 0.63		6	8	10	14	18	24	1358
1/2 x 0.025 (23G)	12.70 x 0.63		6	8	10	14	18	24	1642
1/2 x 0.025 (23G) (SKIP)	12.70 x 0.63		6						1751
5/8 x 0.032 (21G)	15.88 x 0.80		6	8	10	14	18	24	2134
3/4 x 0.032 (21G)	19.05 x 0.80	4	6	8	10	14	18	24	2242
3/4 x 0.032 (21G) (SKIP)	19.05 x 0.80		6						2505
1" x 0.035 (20G)	25.40 x 0.80	4	6	8	10	14	18	24	2980

METAL CUTTING BANDSAW WELDED BLADE HSN CODE - 82022000

Normal Size (length x width x	Millimeters	Teeth Per Inch (TPI) Racket Set			Wavy Set				Price Rs./Loop
3/4 x 0.032 (21G) x 8'3"	19.05 x 0.80 x 2515	4	6	8	10	14	18	24	248
3/4 x 0.032 (21G) x 9'10"	19.05 x 0.80 x 2997	4	6	8	10	14	18	24	282
3/4 x 0.032 (21G) x 11'7"	19.05 x 0.80 x 3544	4	6	8	10	14	18	24	325

BI-METAL BANDSAW BLADE

GRADE	SIZE	Teeth Per Inch (TPI)	Rs./Meter
	13 X 0.65	8,10,14,18,24, 6/10,8/12,10/14	553
FURIA - N / VN	13 X 0.90	6, 8,10,14,18, 5/8, 6/10,8/12,10/14	597
M 42	20 X 0.90	6, 8,10,14,4/6, 5/8, 6/10,8/12,10/14	618
	27 X 0.90	4,6, 8,10,14,3/4, 4/6, 5/8, 6/10,8/12,10/14	638
	34 X 1.10	6, 3/4, 4/6, 5/8, 6/10	676
	41 X 1.30	6, 3/4, 4/6	953
FURIA - VI	27 X 0.90	2/3, 3/4, 4/6,5/8, 6/10	638
M 42	34 X 1.10	2/3, 3/4, 4/6	676
	41 X 1.30	1, 2/2, 2/3, 3/4, 4/6	953
	54 X 1.60	0.75/1.2,1. 2/2, 2/3, 3/4, 4/6	1505
	67 X 1.60	0.75/1.2,1. 2/2, 2/3, 3/4,	2453
OPTIMA - VI	20 X 0.90	4/7, 6/14,	691
M 42	27 X 0.90	4/7, 6/14,	731
	34 X 1.10	4/7, 6/14,	771
PROFILA - VI	34 X 1.10	3/4, 4/6	766
M 42	41 X 1.30	2/3, 3/4, 4/6	1192
	54 X 1.60	2/3, 3/4,	1821
	20 X 0.90	3	702
ALUMINA - CI	27 X 0.90	2,3	723
M 42	27 X 1.10	2,3	723
	34 X 1.10	1, 2, 2, 3,	767
	41 X 1.30	1,2, 2	1183
	27 X 0.90	3/4, 4/6	723
KATANA - VX	34 X 1.10	2/3, 3/4,	767
M 42	41 X 1.30	1, 2/2, 2/3, 3/4,	1131
	54 X 1.60	0.75/1.25,1. 2/2, 2/3,	1716
	67 X 1.60	0.75/1.25,1. 2/2, 2/3,	2789
	27 X 0.90	2/3, 3/4,	808
TITAN - VX	34 X 1.10	2/3, 3/4,	858
M 51	41 X 1.30	1, 2/2, 2/3, 3/4,	1335
	54 X 1.60	1, 2/2, 2/3,	2044
	67 X 1.60	0.7/1.25,1. 2/2, 2/3,	3123
ULTIMA	34 X 1.10	2, 3, 4	998
ASP	41 X 1.30	2, 3, 4	1571
	54 X 1.60	1,2, 2, 3,	2388

MIRANDA

BI-METAL BANDSAW BLADES

ITEM CODE	ITEM DESCRIPTION	Rate
BM2515x27x0.9x3/4	BIMETAL BLADE 2515x27x0.9x3/4 T FURIA	1604
BM2515x27x0.9x4/6	BIMETAL BLADE 2515x27x0.9x4/6 T FURIA	1604
BM2515x27x0.9x5/8	BIMETAL BLADE 2515x27x0.9x5/8 T FURIA	1604
BM2515x27x0.9x6/10	BIMETAL BLADE 2515x27x0.9x6/10 T FURIA	1604
BM3000x27x0.9x3/4	BIMETAL BLADE 3000x27x0.9x3/4 T FURIA	1914
BM3000x27x0.9x4/6	BIMETAL BLADE 3000x27x0.9x4/6 T FURIA	1914
BM3000x27x0.9x5/8	BIMETAL BLADE 3000x27x0.9x5/8 T FURIA	1914
BM3000x27x0.9x6/10	BIMETAL BLADE 3000x27x0.9x6/10 T FURIA	1914
BM3000x34x1.1x4/6	BIMETAL BLADE 3000x34x1.1x4/6 T FURIA	2029
BM3505x27x0.9x2/3	BIMETAL BLADE 3505x27x0.9x2/3 T FURIA	2236
BM3505x27x0.9x3/4	BIMETAL BLADE 3505x27x0.9x3/4 T FURIA	2236
BM3505x27x0.9x4/6	BIMETAL BLADE 3505x27x0.9x4/6 T FURIA	2236
BM3505x27x0.9x5/8	BIMETAL BLADE 3505x27x0.9x5/8 T FURIA	2236
BM3505x27x0.9x6/10	BIMETAL BLADE 3505x27x0.9x6/10 T FURIA	2236
BM3505x27x1.1x2/3	BIMETAL BLADE 3505x27x1.1x2/3 T FURIA	2532
BM3505x27x1.1x3/4	BIMETAL BLADE 3505x27x1.1x3/4 T FURIA	2532
BM3505x27x1.1x4/6	BIMETAL BLADE 3505x27x1.1x4/6 T FURIA	2532
BM3760x27x0.9x2/3	BIMETAL BLADE 3760x27x0.9x2/3 T FURIA	2399
BM3760x27x0.9x3/4	BIMETAL BLADE 3760x27x0.9x3/4 T FURIA	2399
BM3760x27x0.9x4/6	BIMETAL BLADE 3760x27x0.9x4/6 T FURIA	2399
BM3760x27x0.9x5/8	BIMETAL BLADE 3760x27x0.9x5/8 T FURIA	2399
BM3760x27x0.9x6/10	BIMETAL BLADE 3760x27x0.9x6/10 T FURIA	2399
BM3760x34x1.1x3/4	BIMETAL BLADE 3760x34x1.1x3/4 T FURIA	2543
BM3760x34x1.1x4/6	BIMETAL BLADE 3760x34x1.1x4/6 T FURIA	2543
BM4100x27x0.9x3/4	BIMETAL BLADE 4100x27x0.9x3/4 T FURIA	2616
BM4100x27x0.9x6/10	BIMETAL BLADE 4100x27x0.9x6/10 T FURIA	2616
BM4100x34x1.1x2/3	BIMETAL BLADE 4100x34x1.1x2/3 T FURIA	2773
BM4100x34x1.1x3/4	BIMETAL BLADE 4100x34x1.1x3/4 T FURIA	2773
BM4400x20x0.9x6/10	BIMETAL BLADE 4400x20x0.9x6/10 T FURIA	3081
BM4400x27x0.9x6/10	BIMETAL BLADE 4400x27x0.9x6/10 T FURIA	2807
BM4400x34x1.1x4/6	BIMETAL BLADE 4400x34x1.1x4/6 T FURIA	2976

ULTRA Bimetal Bandsaw Blades

*** Laser beam welded bimetal construction**

FURIA

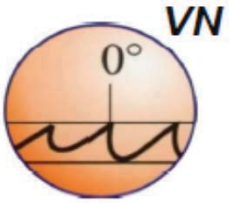
M 42
67/68 HRc

This multipurpose blade is designed to cut all kinds of steels and non ferrous metals, in all dimensions and shapes.

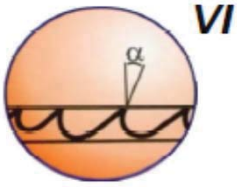
Combining durability and high hardness, this bandsaw blade is suitable for industrial sawing with automatic and semi-automatic machines.

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

FURIA guarantees a clean cut at a low cost.



Characteristics	Advantages
Highly durable and hard	Increased lifetime and cutting performances
Multipurpose Tooth geometry	Suitable for full material and profiles
Tooth sequence designed to avoid vibrations and premature wear	Better use comfort increased lifetime
	Sawing of a wider selection of materials and sections



FURIA bandsaw blades have ground teeth in all sizes from 34 x 1.1 mm section

* Available in 13, 20, 27, 34, 41, 54, 67 & 80 mm width with constant & variable pitch.

KATANA

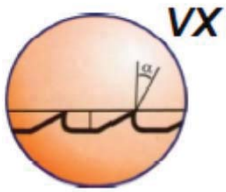
M42
67/68 HRc

Designed with a flat gullet, and a highly positive cutting angle, KATANA is the perfect blade for sawing tool and stainless steels.

This blade combines an aggressive tooth design and a resilient steel giving it all the required strength to cut the toughest of steels.

Easy to use, KATANA is accurate and efficient in all alloyed steels.

KATANA is most suitable for materials requiring cutting speeds between 25 and 60 m/min.



Characteristics	Advantages
M42 quality	Duarability and hardness
Extremely positive cutting	Makes easy the sawing of tough materials angle whilst reducing the cutting efforts
Flat gullet	Reduces twist
	Reduces vibrations, enhancing life of blade

KATANA bandsaw blades have ground teeth in all sizes

* Available in 27, 34, 41, 54 & 67 mm width with variable pitch

Teeth Selection

CUTTING ANGLE

Use a positive cutting angle to saw hardworking or non-ferrous materials.

Use a zero cutting angle for lightly alloyed construction steels and profiles.

PITCH

Choose the right teething from the given chart.

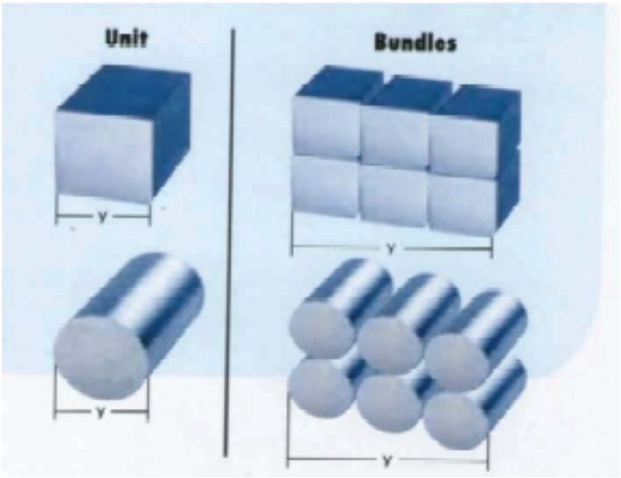
The teethin is indicated in teeth per inch

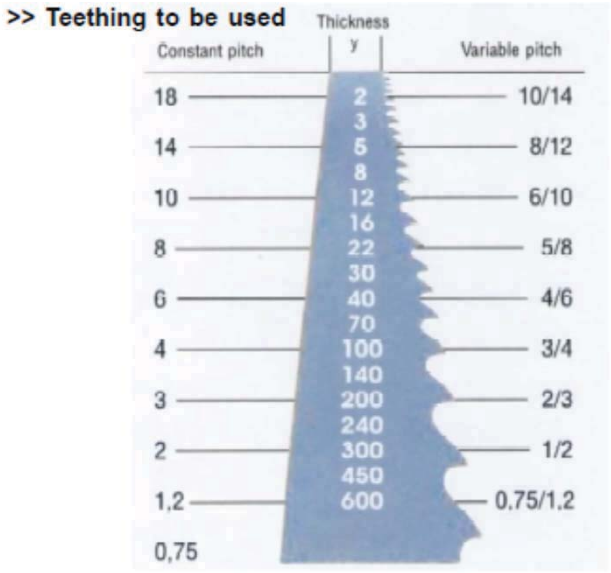
(1inch = 25.4mm)

When section varies during sawing operation, choose variable pitch teething, allowing iwder sawing possibilites.

For Solids

Select a tooth from the chart depending on the section to be cut





Note : Variable pitch can help to reduce vibrations coming from the resonance sometimes generated by a constant pitch.

>> Blade Tension :

Once the blade is correctly seated on the machine, start to tension the blade. As it tightens it is vital to check whether the blade remains in the current position.

Follow the value given by the machine manufacturer. You can also use a tension gauge to verify the adjustments. If the machine manufacturer has not given indication of blade tension use this chart as a guide.

For Structurals and tubes

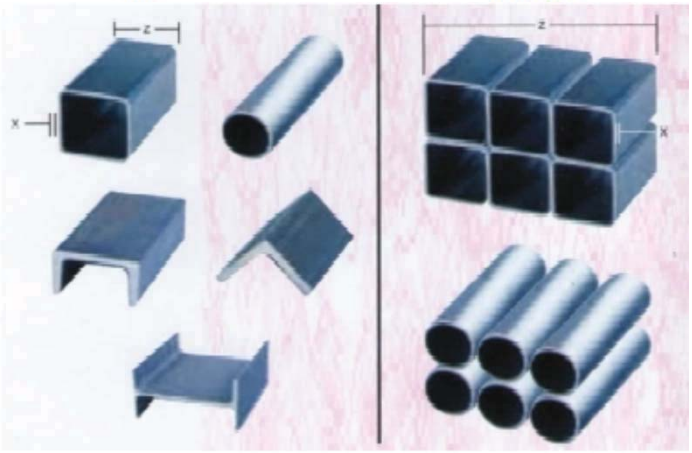
Select a tooth pitch from the following table depending on the section to be cut and from the dimension of the material.

CUTTING PARAMATERS

>> Teething to be used for variable cross section (TPI)

Z(mm)	20	30	60	80	100	120	150	200	300	500
X(mm)	14	14	10/14	10/14	10/14	10/14	10/14	8/12	6/10	6/10
3	10/14	10/14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8
4	8/12	8/12	8/12	8/12	8/12	6/10	6/10	6/10	5/8	5/8
5	8/12	8/12	8/12	6/10	6/10	6/10	6/10	5/8	5/8	5/8
6	6/10	6/10	6/10	6/10	6/10	6/10	5/8	5/8	4/6	4/6
8	6/10	6/10	6/10	6/10	5/8	5/8	5/8	4/6	4/6	3/4
10		5/8	5/8	5/8	5/8	5/8	4/6	4/6	4/6	3/4
12		5/8	5/8	5/8	4/6	4/6	4/6	4/6	3/4	3/4
15		4/6	4/6	4/6	4/6	4/6	3/4	3/4	3/4	2/3
20			4/6	4/6	3/4	3/4	3/4	3/4	2/3	2/3
30				3/4	3/4	3/4	2/3	2/3	2/3	2/3
50						2/3	2/3	2/3	2/3	1,2/2

>> Structurals and tubes



To estimate the thickness when cutting bundles use the following formula :

Z=(z * number of walls) / 2

X = width of the bundles

Section	Horizontal Machine		Vertical Machine	
(mm)	Min	Max	Min	Max
20	14	20	18	24
27	16	22	19	26
34	21	27	23	30
41	23	28	24	29
54	24	31	24	31
67	24	31	24	31