

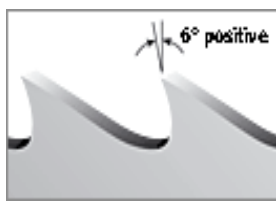
Technical Features

Tooth Forms



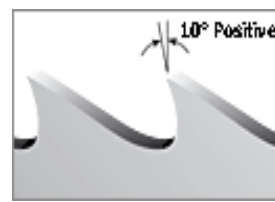
Neutral Tooth (N)

Tooth with rake angle of 0°



Positive Tooth (M)

Tooth with rake angle of 6°



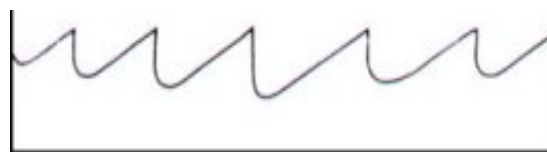
Hook Tooth (H)

Tooth with rake angle of 10°

Tooth Sequency



Standar Sequency

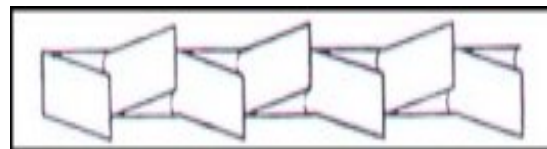


Variable Sequency

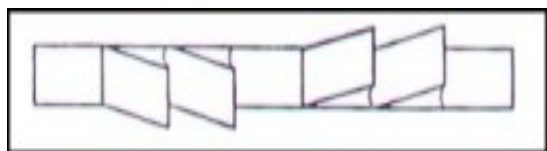
Tooth Setting



Standard Setting



Alternative Setting (vario)



Group Setting

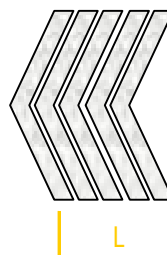
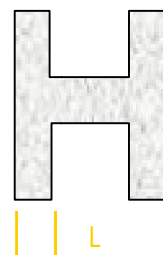
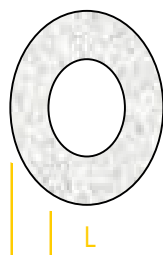
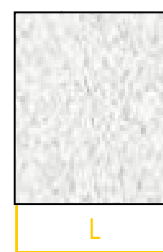
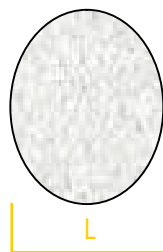


Waving Setting

Choice of Tooth

L (mm)		Z (tpi)
< 30	⇒	10/14
20 ÷ 50	⇒	8/12
25 ÷ 60	⇒	6/10
35 ÷ 80	⇒	5/8
50 ÷ 100	⇒	4/6
80 ÷ 150	⇒	3/4
> 120	⇒	2/3

L (mm)		Z (tpi)
< 2	⇒	10/14
2 ÷ 4	⇒	8/12
4 ÷ 8	⇒	6/10
6 ÷ 14	⇒	5/8
8 ÷ 12	⇒	4/6
> 12	⇒	3/4



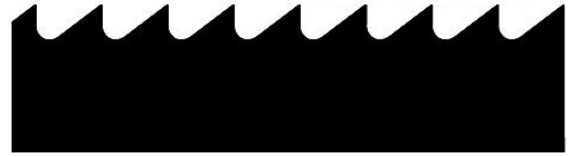
Productions Line

KMT Carbon

Metal cutting band saw blade made in chrome-alloyed carbon steel

Band saw blades for vertical sawing machines, horizontal portable, semi-professional and manual sawing machines. Made in carbon and chromium steel alloy. Usable for cutting little solid and tubular in mild steel, aluminium, bronze, also usable and advisable for cutting wood, etc.

Pin point cabide structure and teeth hardness of aproximatly 64 HRc.



Width	Thickness	Standard Tooth Sequence								
		2	3	4	6	8	10	14	18	24
mm. 6	mm. 0,65			H	N/H	N	N	N	N	N
mm. 8	mm. 0,65			H	N/H	N	N	N	N	N
mm. 10	mm. 0,65		H	H	N/H	N	N	N	N	N
mm. 13	mm. 0,65		H	H	N/H	N	N	N	N	N
mm. 16	mm. 0,8		H	N/H	N	N	N	N	N	N
mm. 20	mm. 0,8		H	H	N	N	N	N	N	N
mm. 25	mm. 0,9	H	H	N/H	N	N	N	N	N	N

KMT M42

Metal cutting band saw blade made in bimetal M42

Band saw blades for manual, semiautomatic, automatic and C/N band saw machines. We manufactures these blades for those working with any kind of band sawing machines. By this blade our customer can have the highest possible machining performance and long blade life. The special support combined with the tooth made in COBALT (8%) guarantees quick cuts, perfectly straight and in large quantities. The particular features is the constancy in the yeld when cutting stainless steel.

Band saw blade body in special steel Rc 49/51

Electronic beam welding of the tooth. Cutting edge M42 Rc 67/69



Width	Thickness	Standard Tooth Sequence							Variable Tooth Sequence						
		3	4	6	8	10	14	18	2/3	3/4	4/6	5/8	6/10	8/12	10/14
mm. 13	mm. 0,65		N	N		N	N	N				N	N	N	N
mm. 13	mm. 0,9	N	N	N		N	N						N	N	N
mm. 20	mm. 0,9	N	N	N	N	N	N				N/M	N	N	N	N
mm. 27	mm. 0,9	N	N	N	N	N	N		N/M	N/M	N/M/H	N	N	N	N
mm. 34	mm. 1,1	N/H	N/H	N					M/H	M/H	M/H	N	N		
mm. 41	mm. 1,3	N/H	N/H	N					M/H	M/H	M/H				

KMT M42 Plus

Metal cutting band saw blade made in bimetal M42

Band saw blades for semiautomatic, automatic and C/N band saw machines. By this blade our customer can have the highest possible machining performance and long blade life. The special support combined with the tooth in HSS COBALT M42 guarantees quick cuts, perfectly straight and in large quantities. The particular characteristic is the constancy in the yield when cutting stainless steel.

Band saw blade body in special steel Rc 49/51

Electronic beam welding of the tooth. Cutting edge M42 Rc 67/69



Width	Thickness	Standard Tooth Sequence				Variable Tooth Sequence							
		0,75	1,25	2	3	075/1,25	1,1/1,6	1,5/2	2/3	3/4	4/5	4/6	5/6
mm. 54	mm. 1,30		H				H	H	H	H	H	H	
mm. 54	mm. 1,60		H	H	H	H	H	H	H	H	H	H	H
mm. 67	mm. 1,60	H	H	H		H	H	H	H	H			
mm. 80	mm. 1,60	H	H			H	H	H	H				