JIGSAW BLADES
HOW TO CHOOSE

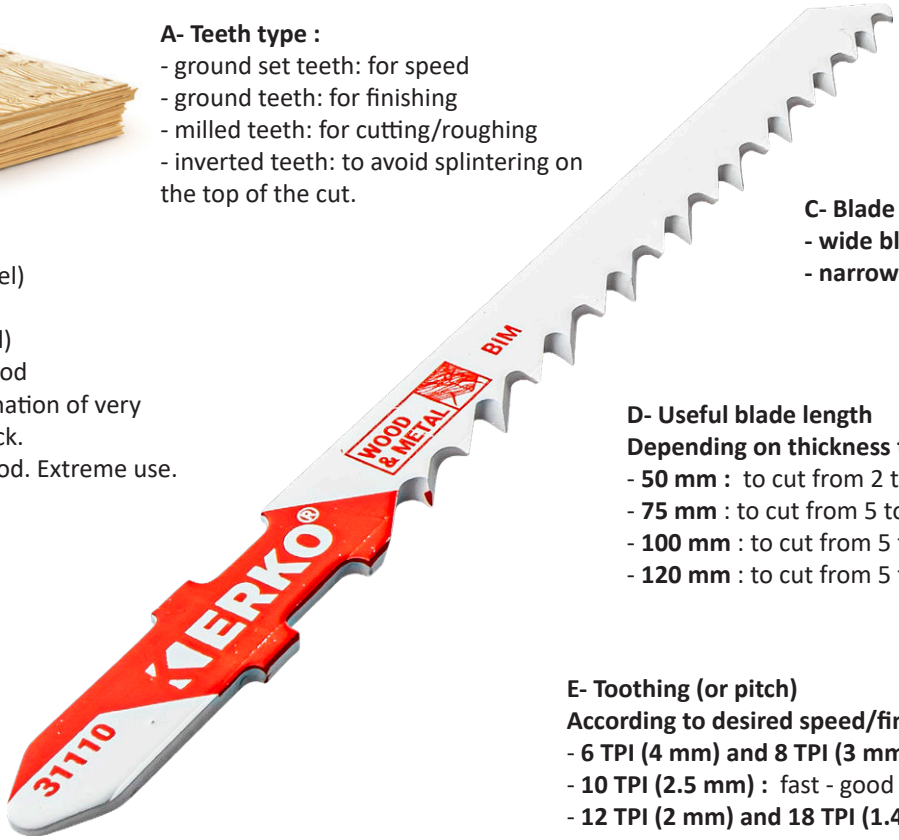
A complete range of jigsaw blades adapted to your needs: cutting, finishing, curves...
Technologies delivering the best results depending on the materials cut: wood, nail-embedded wood, steel, stainless steel, abrasives. High-quality steels: for exceptional durability and finish.
Universal T shank: AEG, BOSCH, DEWALT, FEIN, FESTO, HiKOKI, MAKITA, METABO, MILWAUKE, STIL ...

1- CHOOSE A BLADE FOR WOOD OR PLASTIC



A- Teeth type :
- ground set teeth: for speed
- ground teeth: for finishing
- milled teeth: for cutting/roughing
- inverted teeth: to avoid splintering on the top of the cut.

B- Technology
- **HCS** (High Carbon Steel)
For Wood and Plastic
- **HSS** (High Speed Steel)
For Nail-embedded wood
- **BIMETAL** : the combination of very hard HSS and a soft back.
For nail-embedded wood. Extreme use.

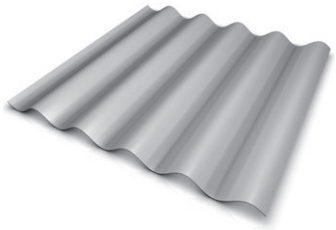


C- Blade width :
- **wide blade :** straight cut
- **narrow blade :** curved cut

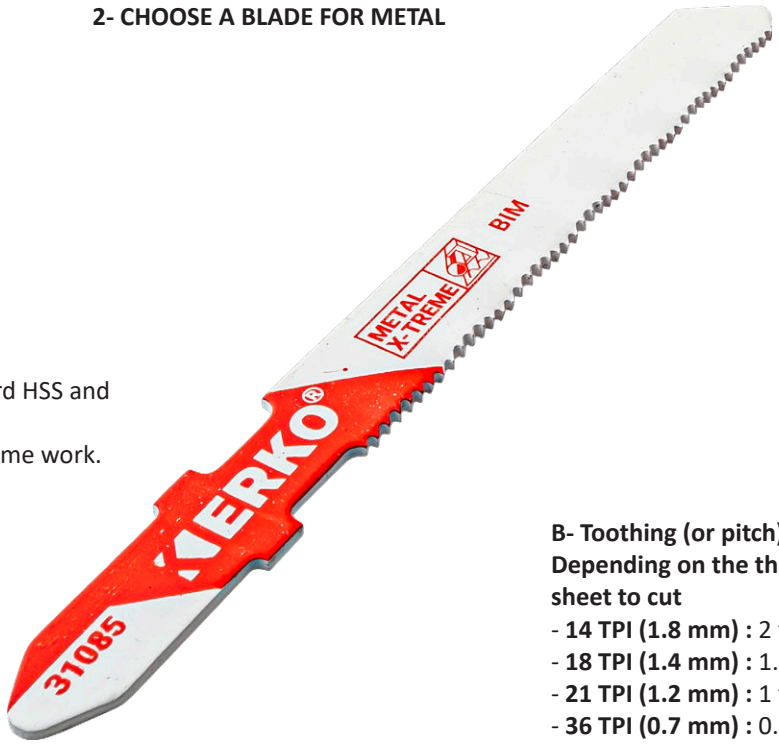
D- Useful blade length
Depending on thickness to be cut
- **50 mm :** to cut from 2 to 25 mm
- **75 mm** : to cut from 5 to 50 mm
- **100 mm** : to cut from 5 to 70 mm
- **120 mm** : to cut from 5 to 100 mm

E- Toothing (or pitch)
According to desired speed/finish ratio
- **6 TPI (4 mm) and 8 TPI (3 mm) :** very fast.
- **10 TPI (2.5 mm) :** fast - good finish.
- **12 TPI (2 mm) and 18 TPI (1.4 mm) :** extreme finish

2- CHOOSE A BLADE FOR METAL



A- Technology
- **HSS** (High Speed Steel)
For sheet steel, aluminium
- **BIMETAL** : the combination of very hard HSS and a flexible back.
For sheet steel, stainless steel and extreme work.



B- Toothing (or pitch)
Depending on the thickness of the sheet to cut
- **14 TPI (1.8 mm) :** 2 to 6 mm thick
- **18 TPI (1.4 mm) :** 1.5 to 3 mm thick
- **21 TPI (1.2 mm) :** 1 to 3 mm thick
- **36 TPI (0.7 mm) :** 0.8 to 2 mm thick

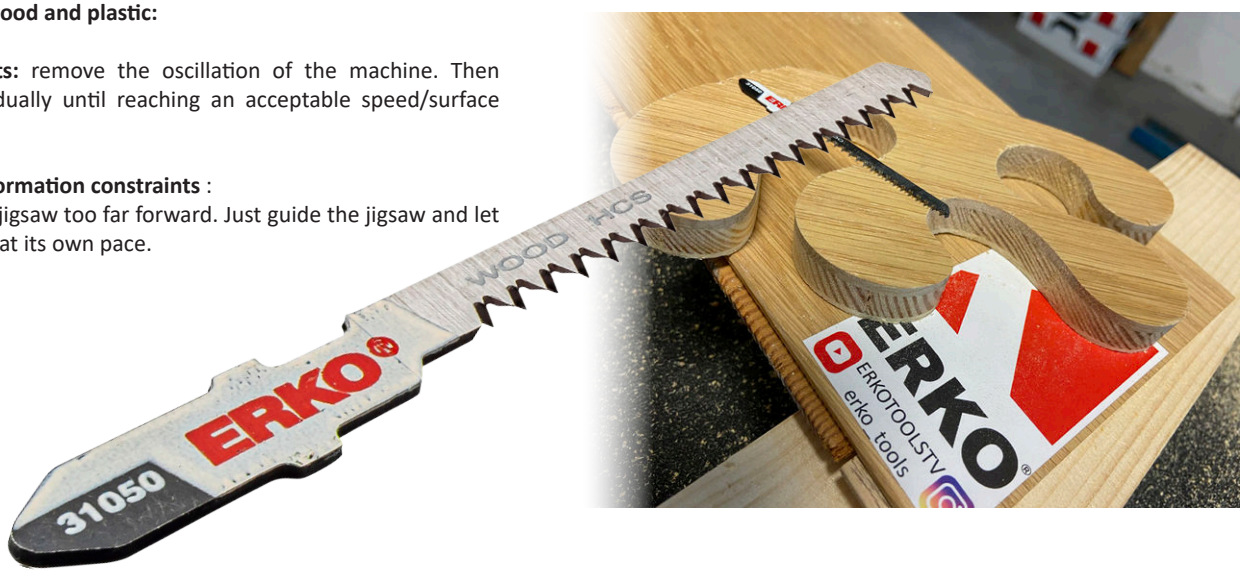
JIGSAW BLADES
FOR WOOD AND PLASTIC
CLEAN CUT - ROUGHING

Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
WOOD CLASSIC	6T (4 mm)	75 mm	ground teeth setting	HCS	31005 Bosch T144D	JIGSAW BLADE ERKO WOOD 100MM 6T CARD 5 	3700333200012
	6T (4 mm)	120 mm	ground teeth setting	HCS	31010 Bosch T344D	JIGSAW BLADE ERKO WOOD 150MM 6T CARD 5 	3700333200029
	6T (4 mm)	75 mm	ground teeth setting	HCS	31015 Bosch T244D	JIGSAW BLADE ERKO WOOD CURVE 100MM 6T CARD 5 	3700333200036
	8T (3 mm)	75 mm	milled	HCS	31020 Bosch T111C	JIGSAW BLADE ERKO WOOD 100MM 8T CARD 5 	3700333200043
	12T (2 mm)	50 mm	milled	HCS	31025 Bosch T119BO	JIGSAW BLADE ERKO PARQUET CURVE 75MM 12T CARD 5 	3700333200050
	12T (2 mm)	50 mm	milled	HCS	31030 Bosch T119B	JIGSAW BLADE ERKO WOOD THIN 75MM 12T CARD 5 	3700333200067
WOOD PERFECT	6T (4 mm)	75 mm	ground	HCS	31035 Bosch T101D	JIGSAW BLADE ERKO WOOD FAST NET 100MM 6T CARD 5 	3700333200074
	6T (4 mm)	100 mm	ground	HCS	31090	JIGSAW BLADE ERKO WOOD FAST NET 125MM 6T CARD 5 	3700333200180
	10T (2,5 mm)	75 mm	ground	HCS	31040 Bosch T101B	JIGSAW BLADE ERKO WOOD PLASTIC NET 100MM 10T CARD 5 	3700333200081
	10T (2,5 mm)	75 mm	ground reversed	HCS	31045 Bosch T101BR	JIGSAW BLADE ERKO WOOD NET REVERSED 100MM 10T CARD 5 	3700333200098
	10T (2,5 mm)	100 mm	ground	HCS	31095	JIGSAW BLADE ERKO WOOD PLASTIC NET 125MM 10T CARD 5 	3700333200197
	18T (1,4 mm)	50 mm	ground	HCS	31050 Bosch T101AO	JIGSAW BLADE ERKO PARQUET CURVE NET 75MM 18T CARD 5 	3700333200104

Advice to cut wood and plastic:

- for clean cuts: remove the oscillation of the machine. Then increase it gradually until reaching an acceptable speed/surface qualité ratio.

- respect chip formation constraints :
don't force the jigsaw too far forward. Just guide the jigsaw and let the blade work at its own pace.



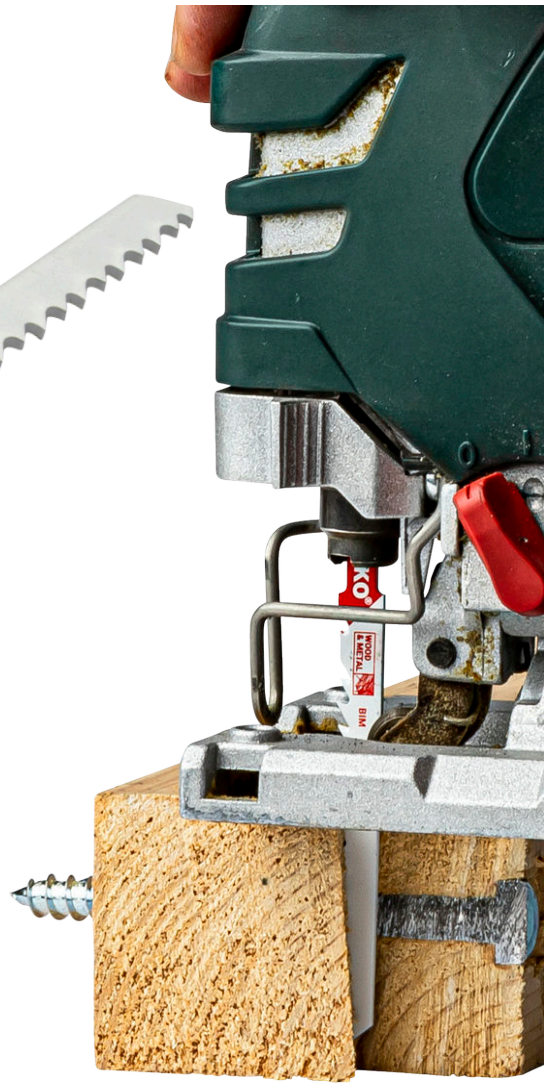
Jigsaw blades
For nail-embedded wood and aluminum

Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
WOOD & METAL	8T (3 mm)	75 mm	milled	HSS	31055 Bosch T127D	JIGSAW BLADE ERKO ALU WOOD NAILS 100MM 8T CARD 5	3700333200111
	6T (4 mm)	75 mm	ground teeth setting	BIMETAL	31110	JIGSAW BLADE ERKO NAIL-EMBEDDED WOOD FAST 100MM 6T CARD 5	3700333200319
	6T (4 mm)	90 mm	ground teeth setting	BIMETAL	31115	JIGSAW BLADE ERKO NAIL-EMBEDDED WOOD FAST 115MM 6T CARD 5	3700333202146
	6T (4 mm)	130 mm	ground teeth setting	BIMETAL	31120	JIGSAW BLADE ERKO NAIL-EMBEDDED WOOD FAST 150MM 6T CARD 5	3700333202153
	10T (2,5 mm)	75 mm	ground	BIMETAL	31100	JIGSAW BLADE ERKO NAIL-EMBEDDED WOOD 100MM 10T CARD 5	3700333200296
	10T (2,5 mm)	75 mm	ground reversed	BIMETAL	31105	JIGSAW BLADE ERKO NAIL-EMBEDDED WOOD DOWNCUTTING TEETH 100MM 10T CARD 5	3700333200302

Advice for cutting nail-embedded wood

- **For speed:** choose 6TPI teeth. Set the oscillation to a minimum of 1 or 2 cuts for a smooth finish.
- **For finishing:** choose 10TPI teeth.
- **For a splinter-free finish on the top:** choose 10TPI reversed teeth.





JIGSAW BLADES FOR METAL, SHEET METAL AND STAINLESS STEEL

Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
METAL	14T (1,8 mm)	50 mm	milled	HSS	31060 Bosch T118B	JIGSAW BLADE ERKO THICK METAL 75MM 14T CARD 5	3700333200128
	21T (1,2 mm)	50 mm	milled	HSS	31065 Bosch T118A	JIGSAW BLADE ERKO THIN METAL 75MM 21T CARD 5	3700333200135
	21T (1,2 mm)	105 mm	milled	HSS	31125	JIGSAW BLADE ERKO SANDWICH PANELS 130MM 21T CARD 5	3700333202160
	18T (1,4 mm)	130 mm	milled	HSS	31130	JIGSAW BLADE ERKO SANDWICH PANELS 150MM 18T CARD 5	3700333209312
	36T (0,7 mm)	50 mm	milled	HSS	31070 Bosch T118G	JIGSAW BLADE ERKO VERY THIN METAL 75MM 36T CARD 5	3700333200142
METAL X-TREM	14T (1,8 mm)	50 mm	milled	BIMETAL	31075 Bosch T118BF	JIGSAW BLADE ERKO THICK METAL INOX 75MM 14T CARD 5	3700333200159
	18T (1,4 mm)	50 mm	milled	BIMETAL	31080 Bosch T118EF	JIGSAW BLADE ERKO THIN METAL INOX 75MM 18T CARD 5	3700333200166
	21T (1,2 mm)	50 mm	milled	BIMETAL	31085 Bosch T118AF	JIGSAW BLADE ERKO VERY THIN METAL INOX 75MM 21T CARD 5	3700333200173
	18T (1,4 mm)	130 mm	milled	BIMETAL	31135	JIGSAW BLADE ERKO SANDWICH PANELS 150MM 18T CARD 5	3700333209329

Advice to cut steel and stainless steel sheets

- **Reduce speed and remove oscillation**: depending on sheet thickness and steel hardness, slightly increase speed. For stainless steel, it is recommended to remain at minimum speed.
- **Running-in and lubrication**: always start gently and lubricate with ERKO CUT-AERO650 aerosol or ERKO TUBEKUT solid lubricant.
- **For thick SANDWICH panels**: in the case of curved cuts, prefer BIMETAL technology (ERKO 31135) with its refined height.



In boxed set :

Reference	Composition	EAN13
31K35-A	BOXED SET OF 35 BIMETAL JIGSAW BLADES (WOOD+METAL). In a LBOXX mini by ERKO Never run out of things on worksite! Intensive use. - 5 Jigsaw blades ERKO 31110 : NAIL-EMBEDDED WOOD 75MM 6T - 5 Jigsaw blades ERKO 31100 : NAIL-EMBEDDED WOOD FINISH 75MM 10T - 5 Jigsaw blades ERKO 31105: NAIL-EMBEDDED WOOD INVERTED FINISH 75MM 10T - 5 jigsaw blades ERKO 31120: NAIL-EMBEDDED WOOD FAST VERY THICK 130MM 6T - 5 Jigsaw blades ERKO 31075: METAL AND STAINLESS STEEL THICK 50MM 14T - 5 Jigsaw blades ERKO 31080: METAL AND STAINLESS STEEL THIN 50MM 18T - 5 Jigsaw blades ERKO 31085: METAL AND STAINLESS STEEL VERY THIN 50MM 21T	3700333201736



Indicative correspondences

Always refer to actual use.

ERKO	LENOX	BOSCH	ULTRA
31005	BT/F406S	T144DF-T144D	8006
31010	BT/F686S	T344DF - T344D	-
31120	BT/F686S	T344DF - T344D	
31030	BT/F410S	T119B	8005
31035	BT/F456S	T144D - T101D	8002
31040	BT/F450S	T101B	8001
31045	BT/F450SR	T101BR	8018
31050	BT320SC	T101AOF-T101AO	8015
31075	BT/F314S	T118BF	8011-8028

ERKO	LENOX	BOSCH	ULTRA
31080	BT/F318S	T118A - T118EF	8009/33
31125	BT/F518S		
31085	BT/F324S	T118AF	8027
31015	-	T244D	-
31020	-	T111C	-
31025	-	T119BO	-
31060	BT/F314S	T118B	-
31070	BT/F332S	T118G	-
31075	BT/F314S	T118BF	8011-8028

JIGSAW BLADES
SPECIALS APPLICATIONS

Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
CARBIDE	6 TPI (4mm)	75 mm	carbide edge	Tungsten carbide	31305	JIGSAW CARBIDE ERKO 100x0.9 6TPI CASE 3	3700333202177
CARBIDE	6 TPI (4 mm)	105 mm	carbide edge	Tungsten carbide	31310	JIGSAW CARBIDE ERKO 130x0.9 6TPI CASE 3	3700333202184

Technology : Tungsten carbide tips.

Applications : Composite floorboards, Resins, Abrasive materials, Composites, Glass or carbon-fiber-reinforced materials.

Benefits : Full brazed tungsten carbide edge for abrasion resistance.
6TPI teeth for high speed cutting.
No heat generation, material is not burned.



Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
DIAM-K	Diamond grit	50 mm	grit	DIAMOND	31205	JIGSAW ERKO DIAMOND ABRASIVE CERAMIC 75MM CASE 3	3700333200203

Technology : Diamond grit.

Applications : Abrasive materials, Tiles, Ceramics, Stone, Cement slabs

Benefits : No need to water thanks to DIAM-K DRY-SYSTEM technology
High strength and durability.
Cuts small curves smoothly and without breakout.

Use tips : Position the support to avoid shocks and absorb vibrations. Start at low speed and gradually increase according to the diamond's behavior in the material. The blade must advance steadily, even gently.
It can reach the jigsaw's maximum speed.





Category	Toothing (pitch)	Usefull lengh	Toothing type	Techno	Ref.	Designation (with full length)	EAN13
GRIT-K	Carbide grit	50 mm	grit	CARBIDE	31220	JIGSAW ERKO GRIT-K CARBIDE GRIT COARSE 75MM CASE 3	3700333200326

Technology : Carbide grit.

Applications : Glass and carbon fiber, Brick, Drywall , Composite materials, Ceramics.

Benefits : Extremely versatile blade that complements the DIAM-K when the hardness of the application does not require diamond.

Allows smooth, snag-free cutting.

Ideal for abrasive and/or fragile materials.

Use tips : Position the support to avoid shocks and absorb vibrations. Start at low speed and gradually increase according to the carbide's behavior in the material. The blade must advance steadily, even gently.
It can reach the jigsaw's maximum speed.



