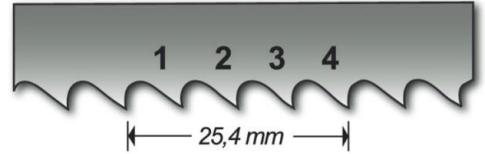
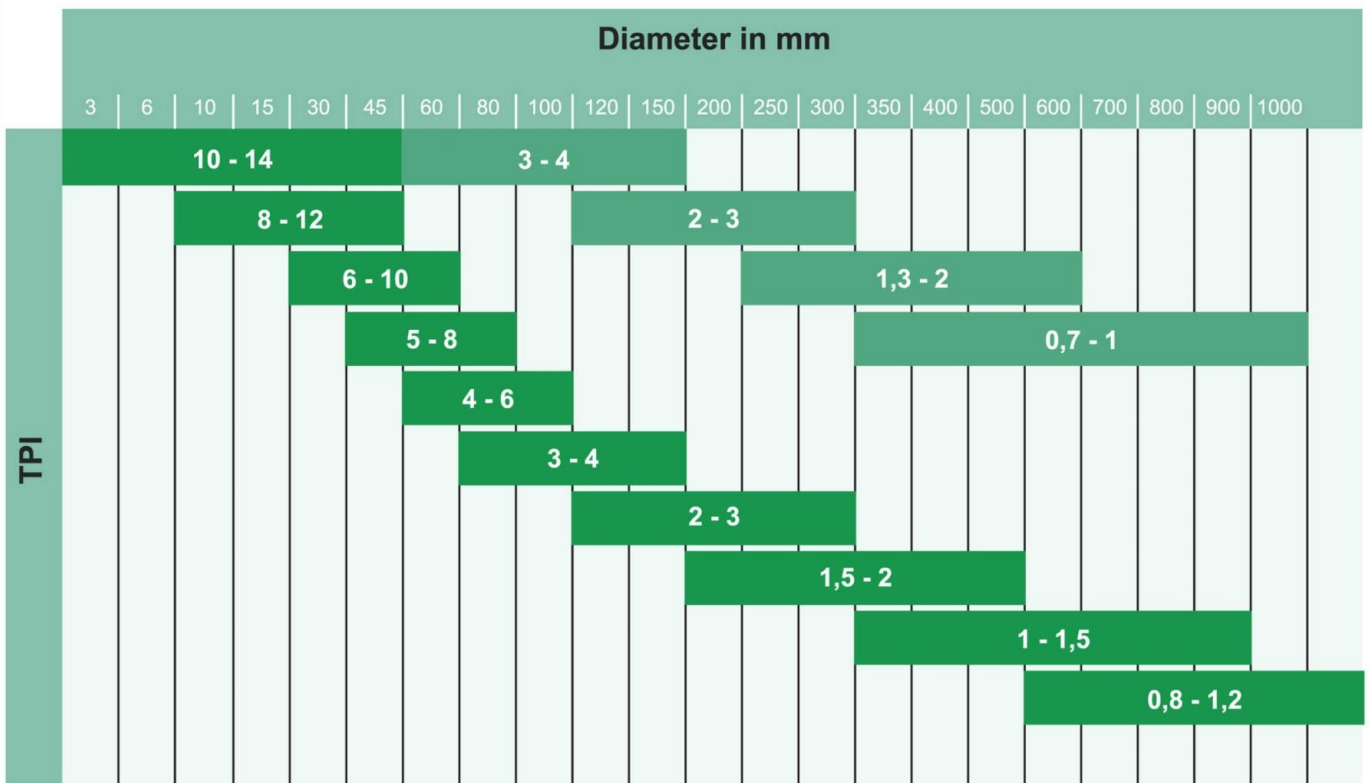
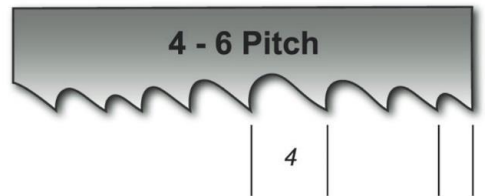


The Pitch indicates the tooth spacing. The correct pitch choice ensures proper tooth pressure and adequate gullet capacity for chips. In most applications, a blade should engage no less than 3 teeth and no more than 25 teeth, in the cut.

Single Pitch blades have uniform tooth spacing and shape.
Pitch (teeth per inch) is the number of gullets in a 1-inch (25,4 mm) span.
 • Use primarily for solids on rigid band machines.



Multi Pitch blades have variable tooth spacing to reduce vibrations.
Pitch designation hyphenates single pitches of coarsest and finest teeth.
 • Use for most sawing applications
 • Best for structurals, or any vibration-prone application.



Bi-Metal

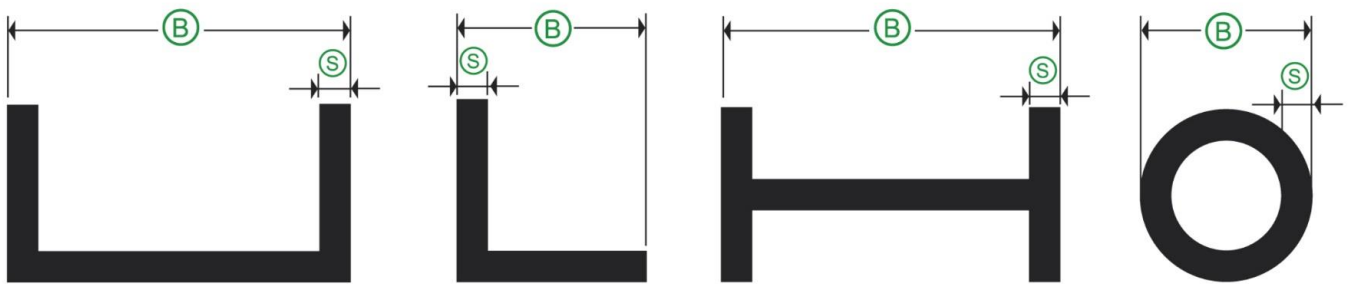
Tungsten Carbide

This selector can be used to easily find the correct pitch for cutting profiles and tubing. Select the maximum dimension of the part to be cut on the horizontal scale. Then check on the vertical column the wall thickness measured and find the advised pitch in the table. For faster cutting, the next larger pitch can be used.

It is not advised to use a finer pitch as the overfilling gullets will break the teeth.

Cutting in bundles:

- For round tubing double the single wall thickness and find the correct pitch.
- For square and rectangular tubing, take in consideration the maximum distance to cut in the bundle and the combined wall thickness.



Wall thickness S mm	TPI (Teeth per inch) Diameter B											
	20	40	60	80	100	120	150	200	300	500	750	1000
2	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	8 - 12	6 - 10	5 - 8	5 - 8
3	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	10 - 14	8 - 12	8 - 12	6 - 10	5 - 8	4 - 6	4 - 6
4	10 - 14	10 - 14	10 - 14	10 - 14	8 - 12	8 - 12	6 - 10	6 - 10	5 - 8	4 - 6	4 - 6	4 - 6
5	10 - 14	10 - 14	10 - 14	8 - 12	6 - 10	6 - 10	6 - 10	5 - 8	4 - 6	4 - 6	4 - 6	3 - 4
6	10 - 14	8 - 12	8 - 12	8 - 12	6 - 10	6 - 10	5 - 8	5 - 8	4 - 6	4 - 6	3 - 4	3 - 4
8		6 - 10	6 - 10	6 - 10	5 - 8	5 - 8	5 - 8	4 - 6	4 - 6	3 - 4	3 - 4	3 - 4
10		6 - 10	6 - 10	5 - 8	5 - 8	5 - 8	4 - 6	4 - 6	4 - 6	3 - 4	3 - 4	3 - 4
12		5 - 8	5 - 8	5 - 8	4 - 6	4 - 6	4 - 6	4 - 6	3 - 4	3 - 4	2 - 3	2 - 3
15			5 - 8	4 - 6	4 - 6	4 - 6	3 - 4	3 - 4	3 - 4	2 - 3	2 - 3	2 - 3
20			4 - 6	4 - 6	4 - 6	3 - 4	3 - 4	3 - 4	2 - 3	2 - 3	2 - 3	2 - 3
30				3 - 4	3 - 4	3 - 4	2 - 3	2 - 3	2 - 3	2 - 3	1,5 - 2	3 - 4
50						3 - 4	2 - 3	2 - 3	2 - 3	1,5 - 2	1,5 - 2	1,5 - 2
75								1,5 - 2	1,5 - 2	1,5 - 2	1,5 - 2	1 - 1,5
100									1,5 - 2	1 - 1,5	1 - 1,5	1 - 1,5
150										1 - 1,5	1 - 1,5	1 - 1,5
200										1 - 1,5	1 - 1,5	1 - 1,5