



Circular Blades

Coldsaw Blade Technical Information

Basic Tooth Selection Table

For metal cutting coldsaw blades

Material Diameter Ø	Wall Thickness	Blade Diameter								
		225	250	275	300	315	325	350	370	400
NUMBER OF TEETH										
20-40mm	3.0mm	140	160	160	180	180	200	220	220	240
20-40mm	2.0mm	200	200	220	240	240	260	280	300	340
20-40mm	1.0mm	220	240	260	280	300	320	340	350	380
40-50mm	5.0mm	100	120	140	140	160	160	160	180	180
40-50mm	3.0mm	140	140	160	160	160	160	180	200	200
40-50mm	1.0mm	220	240	260	280	300	320	340	350	380
50-80mm	5.0mm	100	120	120	120	140	160	160	180	180
50-80mm	3.0mm	140	140	160	160	180	180	200	200	220
50-80mm	1.0mm	220	240	260	280	300	320	340	350	380
80-100mm	5.0mm	-	-	120	140	140	140	160	160	160
80-100mm	3.0mm	-	-	160	180	200	200	200	220	220
80-100mm	1.0mm	-	-	260	280	300	300	340	340	360
100-120mm	5.0mm	-	-	-	-	140	140	140	160	160
100-120mm	3.0mm	-	-	-	-	200	200	180	180	180
100-120mm	1.0mm	-	-	-	-	280	300	300	320	340
120-150mm	5.0mm	-	-	-	-	-	-	120	120	140
120-150mm	3.0mm	-	-	-	-	-	-	180	180	180
120-150mm	1.0mm	-	-	-	-	-	-	300	320	340
Material Diameter Ø		Blade Diameter								
		225	250	275	300	315	325	350	370	400
NUMBER OF TEETH										
10mm		180	200	220	240	240	240	240	260	280
20mm		160	180	200	200	220	200	200	220	240
30mm		140	140	160	160	180	180	180	200	200
40mm		100	120	140	140	160	160	160	180	180
50mm		80	100	120	120	140	140	140	160	160
60mm		-	-	80	80	100	100	120	140	140

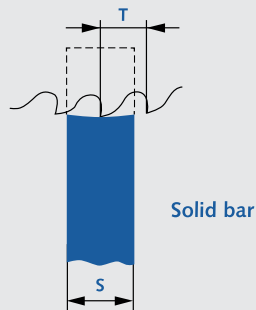
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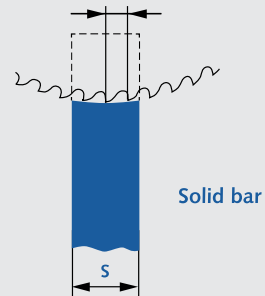
Pitch Choice

In order to choose the right number of teeth, it is important to consider the section that needs to be cut and the material. The pitch is correct when the teeth to section ratio is at least 1:3 for solid bars and 1:1 for pipes and structural shapes.

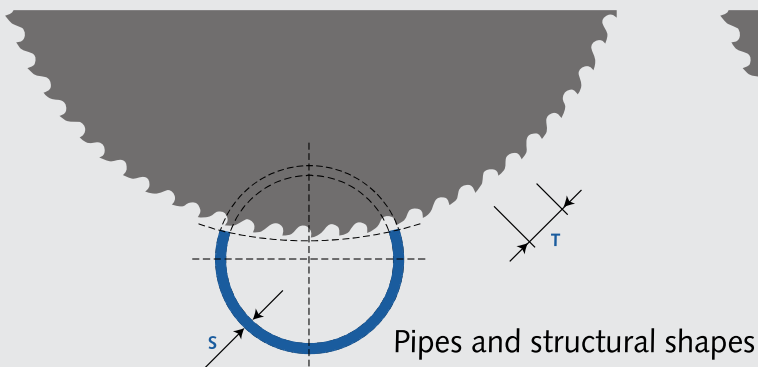
Wrong pitch $S < 3T$



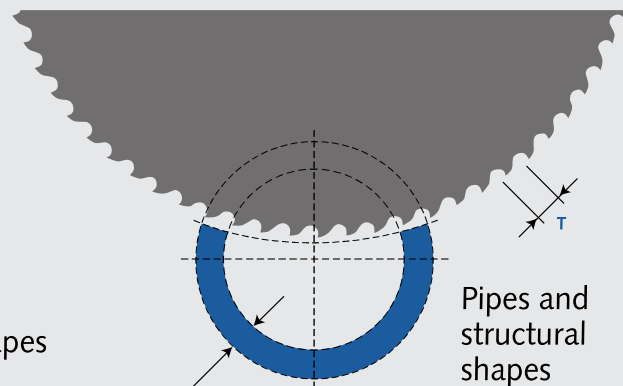
Right pitch $S > 3T$



Wrong pitch $2S < T$



Right pitch $2S > T$



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