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Hot and Friction Circular Saw Blades



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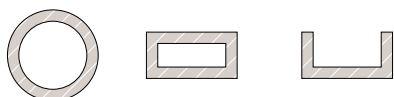


Concept

The friction saw blades are developed for cutting off pipes or profiles in carbon steel such as St37, St52 with a hardness of between 300 and 600 N/mm² on stationary or flying saw machines. Our product range is covering all the standard sizes from the main saw machine producers.

Applications

cutting off solid materials, tubes and structural steel shapes

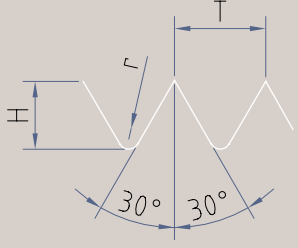
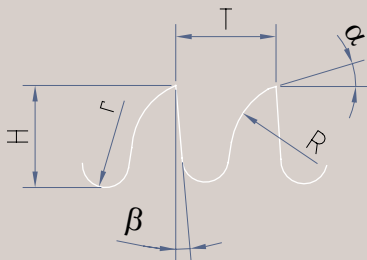
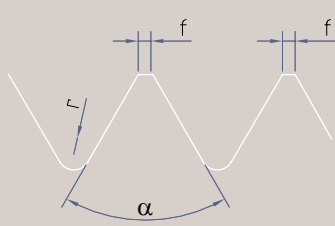


product range	Ø 300 mm up to 1000 mm (available on request up to Ø 2000 mm)
cutting temperature	< 250°C for friction saw blades > 850°C for hot saw blades
material	Chrome-Vanadium-Steel (1.2235) Tungsten-Molybdenum-Steel (1.2604)
hardness	48 to 58 HRC (+/- 1HRC)

Selection of sawing machines

- Dreistern
- Oto Mills
- MTM
- Trennjäger
- Vai Siemens

Tooth shapes

Typ	
<p>A</p> 	<p>V-Tooth tooth shape suitable for hot cutting on rolling billets, pipes and structural steel with temperature $> 600^{\circ}\text{C}$</p>
<p>B</p> 	<p>"Trennjäger" tooth or Parrot tooth tooth shape suitable for cutting carbon steel with temperature $< 100^{\circ}\text{C}$</p>
<p>C</p> 	<p>Special V-Tooth with chamfer tooth shape suitable for hot cutting on rolling billets, pipes and structural steel with temperature $> 800^{\circ}\text{C}$</p>



Standard dimensions in mm

dimensions	number of teeth
300x2,5	200
300x3,0	200
350x2,5	200/220
350x3,0	200/220
400x2,5	240/300
400x3,0	240/300
400x4,0	240/300
450x2,5	240/300
450x3,0	240/300
450x4,0	240/300
500x3,0	300
500x4,0	300
500x5,0	300
500x6,0	300
520x3,0	300
520x4,0	300
520x5,0	300
520x6,0	300
550x3,0	300
550x4,0	300
550x5,0	300
560x3,0	300
560x4,0	300
560x5,0	300
580x4,0	300
580x5,0	300
580x6,0	300

dimensions	number of teeth
600x4,0	300
600x5,0	300
600x6,0	300
650x4,0	300
650x5,0	300
650x6,0	300
700x4,0	300
700x5,0	300
700x6,0	300
700x7,0	300
750x5,0	300/350/400
750x6,0	300/350/400
750x7,0	300/350/400
800x5,0	300/350/400
800x6,0	300/350/400
800x7,0	300/350/400
800x8,0	300/350/400
850x6,0	320/350/380
850x7,0	320/350/380
850x8,0	320/350/380
900x7,0	320/350/400
900x8,0	320/350/400
1000x7,0	320/400/450
1000x7,5	320/400/450
1000x8,0	320/400/450
1000x10,0	320/400/450

Imprint

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Jorge Rodrigues
JorgeDesign - advertising agency

Details

Changes in design and technical improvements
may be made.

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