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HSS Circular Saw Blades

Ferrous HSS saw blades are most commonly made from M2 tool steel and are stocked in a variety of standard metric sizes for many different sawing machines. We can help you choose the most appropriate blade design, tooth geometry and coating for your particular sawing requirements. We sell more than 20,000 blades annually and generally have inventory for most common sizes available to ship within a 3-5 day time period.

BLACKCUT™

For all Ferrous Metal Applications
 (Steam Oxide Treated)

GOLDCUT™

For Increased Wear Resistance
 in all Ferrous Metal Applications
 (TiN)

BLUCUT™

For Cutting Difficult Ferrous Alloys
 in Flood Coolant Applications
 (TiCN)

STEELMASTER™

For Cutting Difficult Ferrous Alloys
 in Dry or Near-Dry Applications
 (TiAlN)

<i>Diameter</i>	<i>Thickness</i>
225mm	1.6mm
225mm	2.0mm
250mm	1.6mm
250mm	2.0mm
250mm	2.5mm
275mm	1.6mm
275mm	2.0mm
275mm	2.5mm
300mm	2.0mm
300mm	2.5mm
300mm	3.0mm
315mm	2.0mm
315mm	2.5mm
315mm	3.0mm
325mm	2.5mm
350mm	2.5mm
350mm	3.0mm
370mm	3.0mm
400mm	3.0mm
400mm	3.5mm
400mm	4.0mm
425mm	3.5mm
425mm	4.0mm
450mm	3.5mm
450mm	4.0mm
500mm	4.0mm

Solid HSS cold saw blades are usually made from either M2 tool steel or M35 tool steel, alloyed with additional cobalt. Solid HSS cold saw blades are heat treated and hardened to 64/65 HRc. This high rockwell hardness gives the cutting edges of the teeth a high resistance to heat and wear. Our blades are press quenched after hardening to prevent them from being warped. The term high speed steel (HSS) doesn't necessarily mean what it implies. These blades are usually run at surface speeds lower than 350 SFM. Solid HSS cold saw blades may be used for cutting many different shapes and types of metal including: tubes, extrusions, structural sections, billets, bars, ingots, castings, forgings etc.

strength in sawing

