

GSP - High Tech Saws

• HSS Cut-Off Blades

The HSS saw blades are supplied as standard in high speed steel grade M2 and M35. The saw blades are used on sawing machines to cut tubes and pipes, open sections and solid sections up to 200 mm.

All blades are hardened to 64/65 RC and triple tempered. The blades can be supplied in bright, steam- treated, TiN, TiAlN, TiCN or CrN coated design.



• Pipe Slotting Blades

Pipe slotting saw blades are used in multi-spindle milling machines to produce slotted pipe liners for drilling heavy oil. Blades are designed to produce either straight or keystone slots.

The most popular O.D. of blades are 3"; 3 1/4"; 3 1/2"; 4". The central hole is usually 1" without keyway.



• Slitting Saw for Tube Cutting

The circular saw blades made from alloyed HSS steel grade M35 are suitable for tube-cutting machines GF, Lefon, Gerima, Axxair and others. The teeth geometry is designed for stainless tube-cutting.

The standard surface modification is the bright finish or the TiAlN coating.



GSP - High Tech Saws

Tel: +420 573 369 281

Fax: +420 573 369 234

E-mail: sales@gsp.info

Web: www.slitting-saw.com

• Angle Milling Cutters

The angle milling cutters left side or right side grinded teeth. These cutters are usually used together with a saw blade for the main cut. The cutters set on the main saw blade clean burrs and cut the required bevel into the material.

The typical application of this tool is cutting and beveling of pipes before welding.

• Circular knives

The knives are specially designed for cutting wire reinforced hydraulic, metal, Teflon and plastic hose. The knives are made of HSS steel grade M2 or of CrV steel and come in three styles - smooth beveled edge, toothed edge and edge with antifriction slots. A smooth beveled edge blade can cut clean and fast all types of hose because it creates the least amount of dust, but by a hose that has a significant amount of steel wiring, the knife edge will dull quickly.

The ideal applications for a smooth edge knife are cutting industrial rubber hose with no steel in it. Slotted or toothed knives are especially designed for hoses with strong steel wiring which causes high temperature during cut.

• Alfa Cutter

The cut-off knives for cutting profiles and tubes from carbon, low-alloyed and stainless steels. The cutting effect is achieved by combination of high pressure and high speed. Burr free cut of highest precision is achieved and the cut profile is free of deformation. Very short cutting times enable using these tools not only in stationary machines, but also in production lines during continuous cutting. In standard modification, Alpha Cutters are made with PVD coating to prolong their lifetime, to decrease friction coefficient and to avoid cool surfacing.

