

BLADES FOR HOSE CUTTING MACHINES

HSS Dmo5 Steel

SMOOTH EDGE BLADE: Advice and recommendations

All our blades are manufactured with a high-quality grade steel specially used for high rotation tools (High Speed Steel – HSS), thus with a high degree of resistance against abrasion in contact with rubber and steel. They are designed with a special double bevel edge specially for hose cutting

The “smooth” type blade is recommended for cutting wire braided reinforced hoses, whether the braid is textile, nylon or metal (type 1SN/2SN/ 3T hoses) or helix style hoses on this type of hose the smooth blade will offer a very clean and nice-looking finish with a minimum damage on the wires and a minimum contamination in the hose after cutting.

The drawback of the smooth blade comes when it is used to cut Spiral reinforced hoses (type 4-SH, 4-SP, R15/R13/R15), where a good bending and an appropriate cutting speed will be needed to avoid damaging or over-heating the blade. This is why we strongly recommend for hydraulic hose workshops cutting using both wire braid and spiral hoses, to look at the below slotted blade.

SLOTTED EDGE BLADE : Advice and recommendations

This blade is made of HSS steel as well but has special angled slots on the outside to reduce the heat produced during the cutting process. This way the blade last longer and also created less smoke when cutting hoses.

Our slotted blade is in particular recommended for hydraulic hose workshops searching a long-lasting tool. It is the preferred blade of most hydraulic hose workshops because it is universal and very reliable whatever the type of hoses cut

However, the slotted blade is not recommended for cutting rubber hoses without any reinforcement or only textile reinforcement. The slotted blade should also not be used when cutting helix wire reinforced hoses.



OD x ID x THICKNESS	PART NUMBER SMOOTH BLADE	PART NUMBER SLOTTED BLADE
200 x 30 x 1.6 MM	N/A	1881
210 x 30 x 2.5 MM	1358	N/A
250 x 25.4 x 3 MM	2868	N/A
250 x 40 x 3 MM	1359	1360
275 x 30 x 3 MM	1243	1363
300 x 30 x 3 MM	2733-1600	1628-1600
350 x 30 x 3 MM	2723-1600	1907-1600
350 x 50 x 3 MM	2723	1907
400 x 50 x 4 MM	N/A	1242
520 x 40 x 4 MM	2671-1704	2788-1704