

# 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. Another advantage, smooth blades can easily be re-sharpened by specialist shops.

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 and a double beaver 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                 |

**WE OFFER A RANGE OF REDUCING RINGS TO ADAPT OUR BLADES TO THE MOTOR SHAFT OF YOUR MACHINE (ID's available 40/38/30/25.4/16 MM) . SPECIAL BLADES WITH SPECIAL HOLES OR FOR RIGID PIPE ARE ALSO AVAILABLE.**