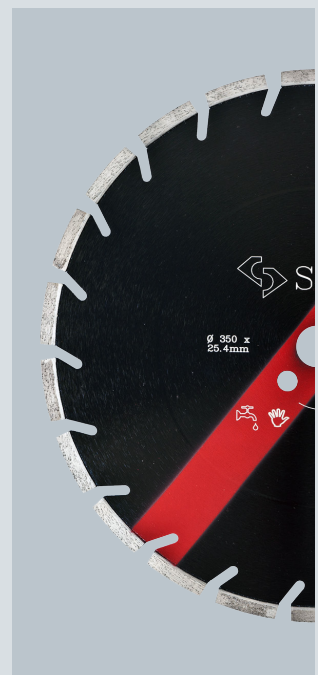
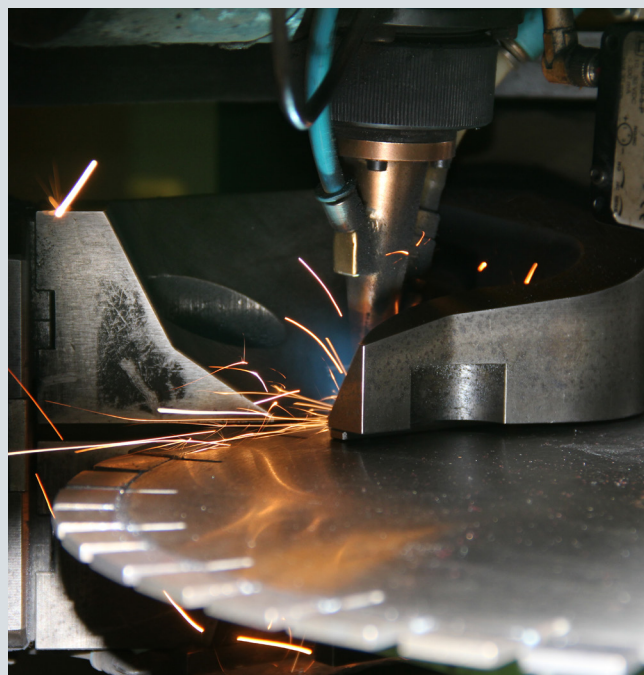
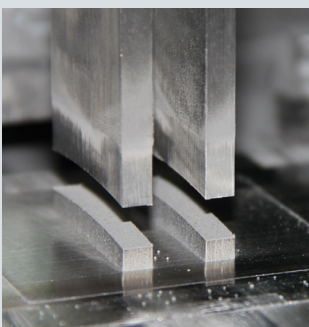


# FLOOR SAW BLADES





# BLADE CHARACTERISTICS

## GEOMETRY OF THE STEEL CENTER

The selection of the steel center will influence the speed and performance. SOLGA offers two types of blades according to the needs of the work to be done:



### LAR.

For applications where performance is more important than speed



### BLZ/BL.

For applications where speed is more important than performance. Inclined notch (BLZ) until Ø 900, from Ø 900 straight notch (BL)

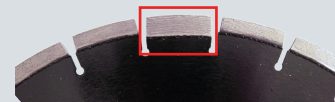
## PROTECTION IN THE WELDING ZONE

When abrasive materials are cut, wear of the steel center in the welding zone can occur, resulting in the loss of segments. To avoid this wear, the steel center can be protected with hard metal plates or with protection segments



### WITH HARD METAL PLATES

- Highly resistance to abrasion
- Protecting the welding zone
- 1/5 segments have hard metal plate protection

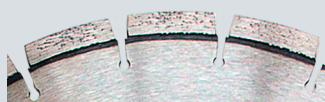


### WITH PROTECTION SEGMENT

- Laser welded protection
- 1/8 segments have 30% more height for protection

## GEOMETRY & DESIGN OF THE SEGMENT

Depending on the application, power and speed of the machine, segments are designed with different hardness and geometrical characteristics.



### LASER

H 8mm-10mm: For materials where abrasion requires a smooth side surface which avoids any extra wear. **Designed for medium and high power machines**



### LASER-TURBO

H 10mm-15mm: For low abrasion materials, where speed and ease are preferred since there is less lateral friction. **Designed for low power machines and manual petrol engines**


## SELECTION


SOLGA facilitates selection of the best blade, differentiating between;

### A- STEEL CENTER B- PAINTED BAND

The combination of both factors will provide the ideal blade for each application

### A- COLOUR OF THE STEEL CENTER ACCORDING TO THE POWER OF THE MACHINE


 **LOW POWER**  
(<9 CV) (<7 KW)

 **MEDIUM POWER**  
(9-18 CV) (7-13,5 KW)

 **HIGH POWER**  
(>18 CV) (>13,5 KW)

### B- COLOUR OF THE BAND ACCORDING TO THE MATERIAL TO BE CUT

 **CURED CONCRETE**

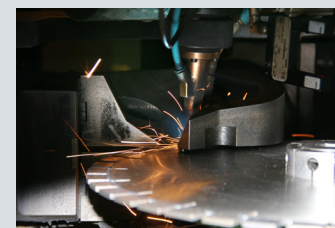
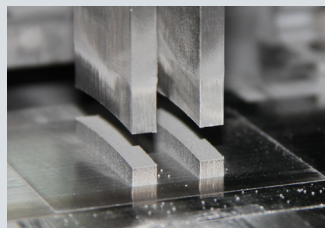
 **ASPHALT + CONCRETE**

 **FRESH CONCRETE**

 **ASPHALT**

## CUSTOMIZED MANUFACTURING FOR SPECIFIC APPLICATIONS AND/OR WORKS

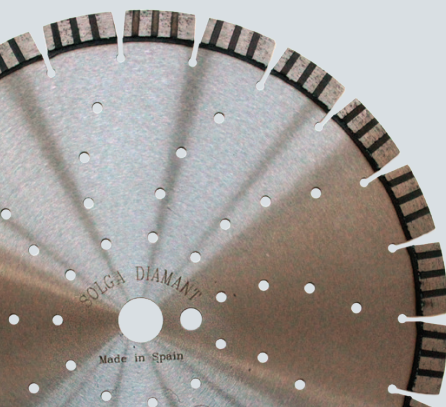
Manufacturing blades under request for specific applications. Consult our commercial technician



## EUROPEAN DESIGN & MANUFACTURING OF DIAMOND TOOLS

SOLGA DIAMANT, after more than 50 years in the field of diamond tools, has developed a wide range of blades for cutting floors, responding to customers who need versatile tools for non-intensive jobs, such as the most demanding customers with high-intensity work, where tools designed for each application make the work becoming a great success.


Our commercial technical team will give you support to choose the best blade for every occasion, analyzing the requirement of the work, the type of machine available and the material to be cut.



# OUR RANGE (SCHEME MATERIAL VS MACHINE POWER)



SOLGA DIAMANT

	HIGH POWER (>18 CV) (>13,5 KW) 	MEDIUM POWER (9-18 CV) (7-13,5 KW) 	LOW POWER (<9 CV) (<7 KW) 
<p>↑ MORE ABRASIVE ↑</p> <p>ASPHALT</p>	 <p><b>LAR &amp; BLZ</b></p>	 <p><b>LAR</b></p>	 <p><b>LAR</b></p>
FRESH CONCRETE	 <p><b>LAR &amp; BLZ</b></p>	 <p><b>LAR</b></p>	 <p><b>LAR</b></p>
ASPHALT + CONCRETE	 <p><b>LAR &amp; BLZ</b></p>	 <p><b>BLZ</b></p>	 <p><b>LAR</b></p>
<p>↓ LESS ABRASIVE ↓</p> <p>REINFORCED CONCRETE CURED CONCRETE</p>	 <p><b>LAR &amp; BLZ</b></p>	 <p><b>LAR &amp; BLZ</b></p>	 <p><b>LAR</b></p>

Blades with heavy-duty alloy for powerful machines and intensive use. Availability from Ø300mm up to Ø900mm \*

Blades designed for specific cutting of material with light machines. Availability from Ø300mm up to Ø600mm \*

Blades for rental companies or sporadic jobs with light machines. Availability from Ø300mm up to Ø400mm \*

\* OTHER DIAMETERS AND SHAFTS ON REQUEST

Guidance table. The aggregate of each material can influence the choice of the blade.

Use the QR code to directly access the digital format of the SOLGA DIAMANT catalogs and see our products in detail.



# TOOLS



1. CORE DRILLS



5. DIAMOND BLADES FOR NATURAL AND ARTIFICIAL STONES



10. FLOOR TREATMENT AND GRINDING CROWNS FOR CONCRETE AND ABRASIVE MATERIALS



2. FLOOR SAW BLADES



6. DIAMOND WIRE FOR NATURAL STONE



11. DRY CUTTING BLADES



3. WALL SAW AND PRECAST DIAMOND BLADES



7. POLISHING TOOLS FOR NATURAL STONE



12. TABLE SAW BLADES WET CUTTING



4. DIAMOND WIRE FOR CONSTRUCTION



8. ROUGHING CUTTERS FOR MARBLE AND GRANITE



13. GRINDING WHEELS FOR CALIBRATING



9. GANG SAW FOR MARBLE AND SANDSTONE



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