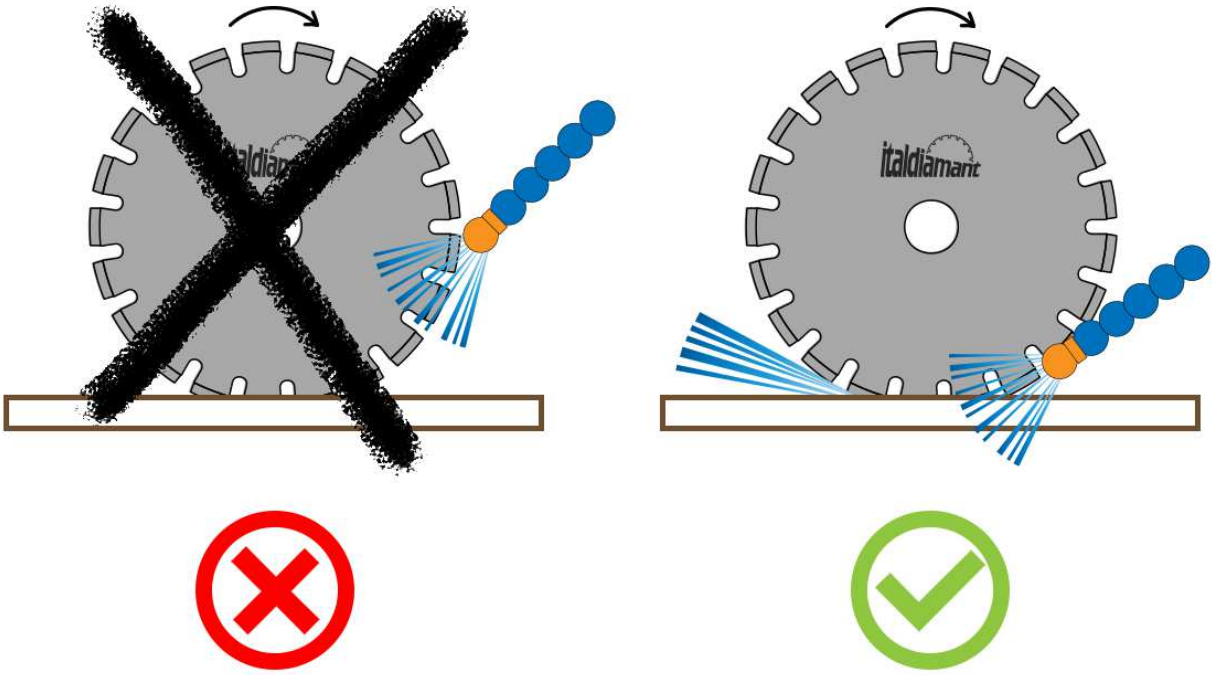
WATER SUPPLY FOR DIAMOND CUTTING BLADES

Conditions for optimum performance:

● ORIENTATION OF THE WATER FLOW
Regulate the water flow precisely at the point of contact between the diamond abrasive part of the blade and the material, as shown in the image below. With proper regulation, you should notice a jet of water from behind the blade during the cut. This flow allows discharging the waste of the material.



● WATER
The water must be clean, without mud and without particles of material inside.

● PRESSURE
The pressure shall be sufficient to clean the diamond abrasive part of the blade from the cutting waste.

Ensure that the water pressure is constant and does not drop, so that the flow is directed to the recommended contact area to cool the blade properly, as shown in the image above.

A working blade can reach high temperatures, so the correct orientation of the water flow on the diamond abrasive part is essential for its cooling, durability and good cut quality of the material.

Remember that small water flow but adequately oriented is more effective than a large amount of water poorly oriented.