

Data Sheet

Product Code: *FD-Z90*

Description: *Electroplated* Diamond wire for marble and calcareous stone cutting in quarry extraction – DRY CUTTING or WET CUTTING

Dimension

The Z90 diamond bead has two different versions, the “A” with a Us Mesh 40/50 diamond and the “B” version with a UsMesh 25/30 diamond. In the following table you can find all dimension:

Version	Diameter	Total length	Diamond Length	Us Mesh diamond
A	9,9mm	9mm	5,7mm	40/50
B	10,8mm	9mm	5,7mm </td <td>25/30</td>	25/30

Assembly: The Z90 diamond wire is normally assembled with 27 or 30 beads per meter, the difference is in the kind of machine and the material to cut. All versions are assembled on a 4,9mm diameter steel rope with 61 wires, the static resistant tension is 1800daN. We assemble this diamond wire with a clamper each 3 diamond beads (not each 5 beads as many competitors do). For the assembly you can follow this example.

Assembly scheme
Traditional diamond wire
Type AZ-91 28 beads per meter

