



# DIAQUIP

AT THE CUTTING EDGE

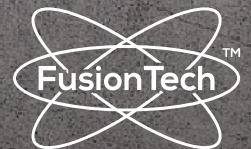
## DIAMOND WIRE

## DQ7

FUSION TECH™ HYBRID DIAMOND WIRE



Made with



technology

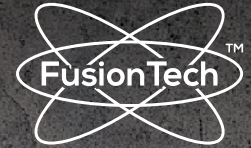
**DQ7 Diamond wire is a very fast cutting, long life concrete wire, manufactured using Fusion Tech™ technology, for extreme & professional applications. Developed using the highest expertise available it has proved to be a quantum leap in diamond wiresawing industry standards.**

Representing the next generation in wiresawing, the DQ7 wire performs faster and more efficiently than existing wire products across a broad range of applications. This is due to the very high diamond content, and the unique new metal bond technology, Fusion Tech™ which improves cutting speed, without sacrificing on life. This wire performs virtually regardless of any levels of reinforcement in the concrete.

[www.diaquip.com](http://www.diaquip.com)



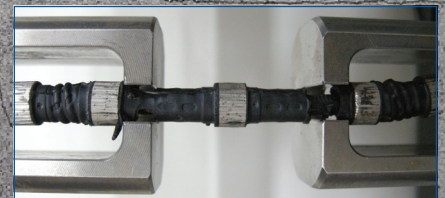
# SPECIFICATION DETAILS



- Segments manufactured using a special new innovative bond, Fusion Tech™ This means it is fast cutting with out sacrificing on life
- Strong wire structure to match bead long life

## TECHNICAL SPECIFICATION

Product description	Very fast cutting, long life diamond wire manufactured using Fusion Tech technology
Application	Concrete, Reinforced concrete, Universal on all aggregates
Power range	10 - 20kw.
Number of beads	40/m
Bead diameter	10.2mmØ
Wet/Dry	Optimum for wet cutting. Special version available for dry cutting
Lengths	50m / 100m or custom size endless loops
Structure	Pre-pressed beads on cable + Rubber coating + Spring spacer
Cable Breaking Strength	Min. 21,200kN (=2,160,000kg.f)
Strength of Loop	Min. 1,500kg.f.
Cable Elongation (wire stretch)	0.28% at 2,500N (=255kg.f)
Temperature Range	Below 80°C
Shelf Life	1 year when stored in a dry, dark and room temperature environment
Cable Diameter	4.8mm (Min. 4.66mm / Max. 4.94mm)



**DQ7 WIRE HAS UNDERGONE A WIRE STRENGTH TEST; 700.00 kg·f**



### WIRE STRUCTURE;

All our Wires are made from an extremely high quality structure: highest grade rubber coating, strong steel spring spacers, multi-stranded steel carrier wire, and diamond beads manufactured with the latest technology available



**DQ7 is manufactured using Fusion Tech™ technology**

**50% MORE SPEED** | than Sintered Diamond Wire

**80% MORE LIFE** | than a Brazed or Electroplated Diamond Wire

## DQ7 WIRE CASE STUDY'S

"Fantastically fast Diamond Wire. Our Contractors were able to finish 2 days earlier on the project due to the performance... We are very impressed with the speed, durability and cutting performance."

Contractor | Middle East

"Our Wire Saw Operatores found the wire to be very fast... even with a fast cutting speed, it still kept its structure and life, despite working on heavily reinforced concrete."

Demolition Contractor | UK