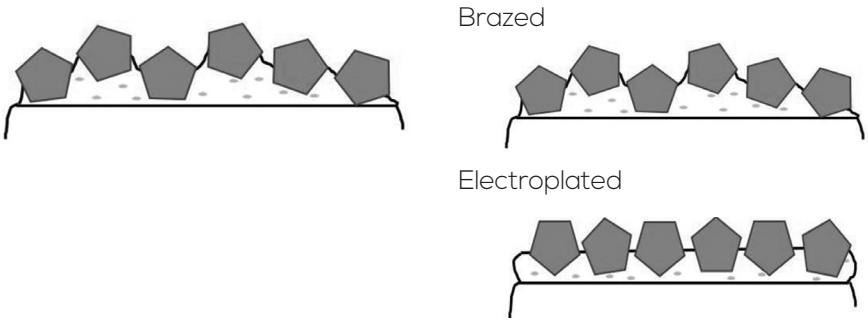# DIAMOND WIRE

M1530 – DECOM WIRE

M1530 is a proven, top professional diamond wire used for very challenging and extreme cutting circumstances.

In addition to the increased number of beads (53 bpm), the special vacuum brazed bead manufacturing process is the latest technology available. This wire has exceptional performance, particularly on jobs such as nuclear and offshore oil rig decommissioning, and dry cutting applications.

The rubber covered structure of the wire is specially designed to give the highest durability available in critical applications, and a dedicated compound can be specified for even greater performance where dry cutting is required.

SPECIFICATION DETAILS
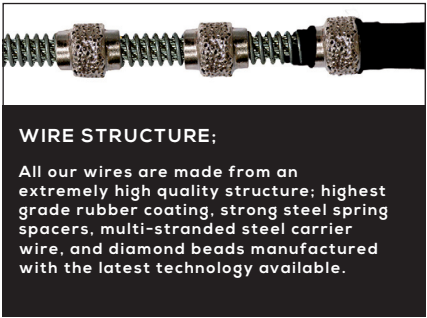
Brazed

Electroplated

Higher Diamond Retention

- Chemical Bonding between diamonds and metal base
- Larger chip pocket enabling increased performance

Benefits over Electroplated wire

- Dual layer diamond
- Positioned diamond

WE ALSO OFFER A CLOSED LOOP WIRE

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.

TECHNICAL SPECIFICATION

Product Description	Professional wire for challenging and extreme cutting circumstances
Application	Oil pipes, metal structures, shot concrete, I beams, concrete above 20% steel ratio
Power range, min	18kW
Number of beads	53/m
Bead diameter	10.2mmØ
Wet/Dry	Can be used in both applications, however for optimum use dry; alternative rubber space moulding can be requested

M1530 WIRE HAS UNDERGONE A WIRE STRENGTH TEST;
772.65 kg·f

M1530 DECOM WIRE CASE STUDY
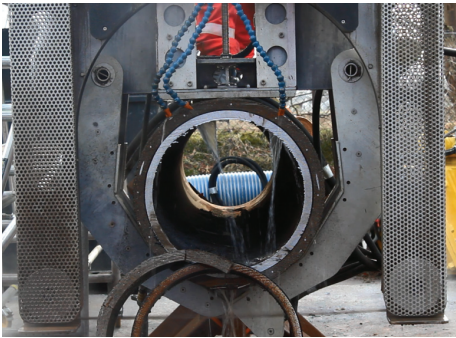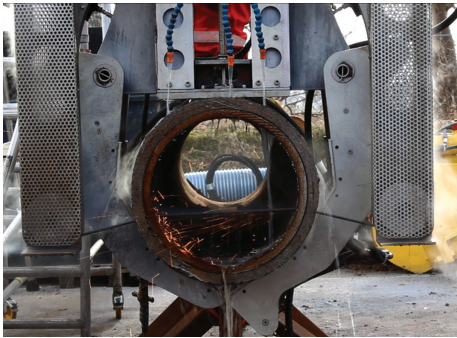
6.070m of the M1530 wire was used on a 42" Wire saw to sever through a 26" pipe containing; Concrete Coating, Bitumen and 27mm rigid steel wall thickness.

The first cut was completed in just 14 minutes 46 seconds, and went on to complete a further 5 cuts (the last of which took 29 minutes 53 seconds to complete).

A total of 6 complete cuts within this speed is a quantum leap in performance compared to normal industry standards.