Bridge plugs & Cement Retainers are used in cementing jobs and killing the well after cementing job. Mackeral offers a wide range of bridge plugs, cement retainers and its setting tools.
ACCESSORIES:

- SNAP LATCH SETTING TOOL
- MECHANICAL SETTING TOOL
- SNAP LATCH STINGER SUB
- WIREDLINE ADAPTOR KIT
- RETRIEVING TOOL WITH WASH OVER SHOE
- CONTROL UNIT

DRILLABLE BRIDGE PLUG:

Drillable Bridge Plug are made of highly designed composite materials for fast and easy drill out. It can drill out with coiled tubing unit. It is designed in such a way that drill cuttings flow back to surface.

WIREDLINE & MECHANICAL SET DRILLABLE BRIDGE PLUG

Product Code (Mechanical set):-MI 7101
Product Code (Wire line set): MI 7102

These plugs are run and set on Tubing or Drill Pipe. It also incorporates the seal element lock to allow faster, safer run-in. Its materials are also subject to the same stringent specifications and quality control procedures and hence provide improved easy drill feature and are suitable for higher pressure ratings. It can easily be converted to a Cement Retainer. Its Simple design allows the upper portion of the body and the bridging plug to be drilled out, generating pressure equalization across the tool before drilling out the upper slips. Changing the upper slip enable the bridge plug to be set mechanically or on a wireline setting tool assembly. It is easily converted to a cement retainer.
DRILLABLE CEMENT RETAINER
Product Code (Mechanical set): MI 7301
Product Code (Wire line set): MI 7302

This is a high performance drillable cement retainer ideal for most remedial cementing applications. It is designed to function as a drillable squeeze packer which after cementing acts as a plug trapping to squeeze pressure on the cement below the retainer and isolating the newly cemented area from the hydrostatic pressures above the cement retainer. Changing the upper slip enable the cement retainer to be set mechanically or on a wireline setting tool assembly. It is easily converted to a bridge plug.

Features:

Choices of setting by wireline, mechanical or hydraulic.

- High Performance - 10,000 psi and 400 Deg F.
- Enormous annulus clearance for faster & safer run-in.
- With simple kit Cement Retainer easily converted to bridge plug.
- Simple conversion to cement retainer, reducing inventory.
- Body Lock Ring: Traps setting force in element to maintain pack-off during pressure reversals.
- The rotationally locked, cast-iron components enable a fast & easy drill out to save rig time.
- Easily PDC drillable.

Applications:

- Cementing & well Stimulation
- Temporary and permanent zone isolation
- Temporary & Permanent Well abandonment
WIRELINE ADAPTER KIT

Product Code: MI 7104

WIRELINE ADAPTER KIT is used as a connection between hydraulic setting tool assembly / Pressure Setting Assembly and Wireline Bridge Plug/Cement Retainer.

SNAP LATCH SETTING TOOL

Product Code: MI 7203

SNAP LATCH SETTING TOOL is a mechanical setting tool used for setting Bridge Plugs and Cement Retainers. It comprises a snap latch mechanism for setting the tool. By putting the weight on it, it latches in product for setting.

This essentially allows the setting tool to function as a snap latch stinger sub which provides an upward stop as the tubing is raised. At this stop the valve is closed but the stinger sub seal is still in the bore of the retainer. At this position in the running string internal pressure test could be carried out.

For releasing the tool, up strain and rotate it.
SNAP LATCH STINGER SUB

Product Code: MI 7204

SNAP LATCH STINGER SUB comprises of Snap In and Snap Out Latch and gives clear indication on surface when stinger lands in cement retainer and when stinger sub is removed from cement retainer. It is used with Wireline Set Cement Retainers.

CONTROL UNIT

Product Code:-MI 7205

CONTROL UNIT provides a centering device for entering the retainer bore. It is set above the Stinger Sub Unit.