

Custom Dies and Inserts

NOV dies and inserts are accurately machined to tolerances using state of the art CNC machinery. All dies and inserts are then heat treated to specific standards to provide the best resistance to wear even in the harshest environments. Consistent quality and proper fit are guaranteed by extensive testing and gauging programs utilized by NOV. Various tooth patterns are available for specific applications.

- Most extensive range of dies and inserts in the marketplace today
- Consistent quality, proper fit, and improved product life by design
- Shaped steel, precision tooling and fixtures, and CNC equipment
- Several stocking distributors with large inventory for short delivery times
- Valuable experience gained in many decades of die and insert specialization



Pyramid Tooth Tong Die



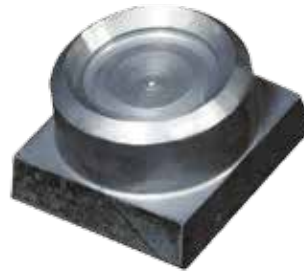
Die Cavins™ Type C



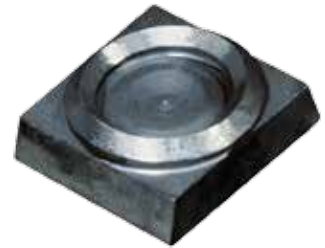
Diamond Tooth Tong Die



Reducing Large



Reducing Medium



Standard Small

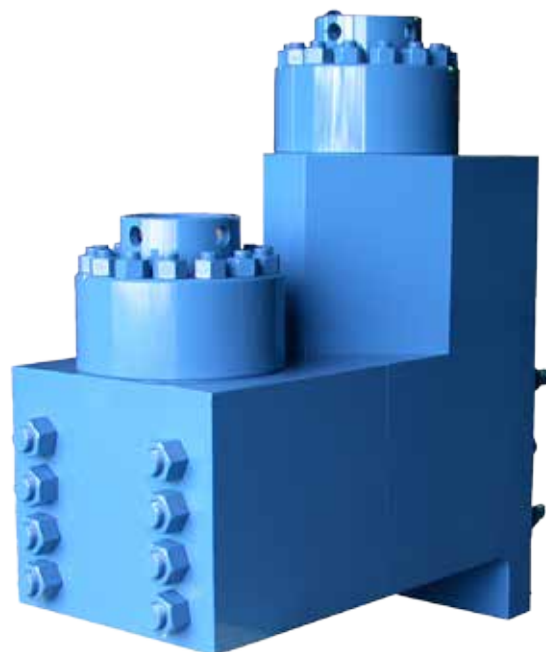
Fluid End Modules

NOV Products manufactures fluid end modules and jewelry to exacting standards to ensure product reliability and performance. Mission produces fluid ends for all legacy NOV mud pump brands including Continental Emsco, Ideco, National, Oilwell, and Skytop Brewster as well as all other popular pump models.

Mission L 7500 Module

Designed as an upgrade solution for existing mud pumps, the NOV L 7500 modules are equipped with 5,000 psi fluid ends. They can also be specified as original equipment for certain new NOV mud pumps and as original equipment on new pumps from other manufacturers. These modules create added value by increasing the operating range of existing mud pumps and by reducing maintenance and pump downtime. Added features can include the Blak-JAK liner retention system, Torque Pro valve cover retention system, Blak-JAK HydrA-LIGN rod system, NOV ceramic liners, and Roughneck valves and seats.

The Mission L 7500 modules are available for specific National, Oilwell, Continental Emsco and Ideco brand pumps as well as other manufacturers' popular mud pump models.



14P220 7500 psi Mission "L"