

# Metso

MP XM Series crusher upgrades

## Hydraulic socket



The Hydraulic socket is now available for your HP800, MP800, MP100, or MP1250 crusher.

Metso's new Hydraulic socket is designed to separate the socket from the mainshaft without manual intervention, making repairs safer and faster than ever before.

### Challenges

Repair crews need to perform manual intervention with torches and impact wrenches to remove the standard socket design. This requires your staff to have hot work permits to perform the work and takes valuable time to remove the socket during maintenance of your crusher. This is a time sensitive process, and if removal is not achieved quickly, the mainshaft and socket must both be allowed to return to nominal temperatures before reattempting removal.

### What it is

Metso has made the repair and maintenance of your Nordberg™ Cone crusher easier than ever by creating a solution for socket removal that eliminates the need for hot work to take place. Machined-in grooves and channels in the socket allow field removal of the socket using hydraulic forces instead of heat to remove the socket from the mainshaft. The kit is available with all-new components as well as reworks to the mainshaft and socket liner that are necessary to use the new socket assembly.

### How it helps

#### Improved safety

Metso's new Hydraulic socket design removes the need for putting your maintenance crews at risk of injury. Keeping torches and wrenches out of their hands keeps them free to work on safer maintenance projects and planned repair operations that keep your operation running smoothly.

#### Productivity advantage

By eliminating the need for torches and impacts to detach the socket, as well as the risk for missing the window for removal of the socket, the ability quickly and safely separate the socket gets your crusher back up and running as soon as possible.



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