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## The process of recovery automotive drill

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## Annotation

In conditions of market relations between enterprises, when new parts, especially parts that are quite expensive – repair and restoration of details of machines is becoming more urgent task. One of the would-straysalive parts is drilling tools automotive-mouth facilities. To wear of drill cutter and the lead suborned the conditions of his work in aggressive abrasive environments, as a consequence, the intensity of wear increases significantly. Company spends on buying new Burro financial means, reflecting in turn on the organization's budget. The article considers the methods of recovery of the worn-out drilling tools in the conditions of the enterprise and calculation technique of repair of the cutting part of the drill.

## **Keywords**

Restoration; deterioration; defect; drill; operation.

## References:

- 1. Anur'yev V.I. *Spravochnik konstruktora mashinostroitelya:* v 3-kh t. T.1, T.2, T.3. 8-ye izd., pererab. i dop. Moscow: Mashinostroyeniye, 2001.
- 2. Askinazi B.M. *Uprochneniye i vosstanovleniye detaley mashin elektromekhanicheskoy obrabotkoy.* 3-ye izd., pererab. i dop. Moscow: Mashinostroyeniye, 1989.
- 3. Rukovodstvo po ekspluatatsii «Mashina buril'no-kranovaya BKM-317». Moscow: OAO «Stroydormash», 2005.
- 4. Katalog detaley «Mashina buril'no-kranovaya BKM-317». Moscow: OAO «Stroy dormash», 2005.
- 5. Toygambayev S.K., Shnyrev A.P., Mynzhasarov R.I. *Nadezhnost' tekhnologicheskikh mashin*. Moscow: MGUP. 2008.
- 6. Toygambayev S.K. *Primeneniye instrumental'nykh materialov pri rezanii metallov*. Moscow: MGUP, 2007.

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