



## STAHLWILLE Pullers

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Designed with practical applications in mind, drop forged, precision machined on the latest machine tools, hardened and tempered. STAHLWILLE pullers are conscientiously assembled and tested under load. They are ideal tools for removing gearwheels, ball bearings and pulleys from shafts, axles etc.

2

### Product benefits at a glance

- high flexural strength thanks to struts with accurately calculated profiles and milled, smooth guides.
- highly load-bearing extractor hooks made of oil-hardened chrome vanadium steel with milled-profile jaws and specially-designed grip geometry for use in confined spaces and optimised radii for shafts and axles.
- smooth running and high force transmission through the nut with its hard-wearing, smooth thread contours.
- high extraction force with ease is made possible even where there is high friction and counterforces due to the CNC milled precision thread.
- damage to the thread of the nut is effectively prevented, even if the full length of the thread is used, due to the clearance at the end of the thread.
- excellent running characteristics of the thread itself thanks to high-grade hardening and tempering and the special coatings on the thrust spindles.
- to enable stubborn parts to be loosened, it may be necessary to tap the puller with a hammer after it has been tensioned. For this reason, the spindle head is equipped with a rounded impact head.
- close-tolerance, performance-matched jaw sizes on the spindle head ensure non-slip contact with the drive tool.
- to prevent damage to the shafts while extraction force is applied, the centre is freely-swivelling.

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### Numerous pullers are available for different applications:

Standard pullers, battery terminal pullers, ball joint separators, internal pullers, counter stays, separating fixtures, wheel hub pullers.

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After attaching and locking the puller No 11060/11061 **1**, the central threaded spindle **2** is turned to ease the bearing off its mount without causing damage.

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