

# TMHP 50/320SKF Hydraulically

## Assisted Heavy Duty Jaw Puller

### TMHP 50/320, with pump TMJL 100

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The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 50/320 is a powerful puller for dismantling large bearings and components. The self-centring puller, unique pantograph system and handling options make the puller safe and easy to use. The combination of a spindle and a hydraulic cylinder helps to mount the puller quickly. The SKF TMHP 50/320 is supplied in a complete ready-to-use set with hydraulic pump, oil and connections.

- High pulling forces can be applied easily and safely with self-centring puller
- Easy adjustable worklength through combination of spindle and hydraulic cylinder
- Unique pantograph system gives eXceptional grip and helps counteract misalignment during operation
- Simple operation with lifting handle and eye bolt
- Ready-to-use with SKF Hydraulic Pump TMJL 100, fleXible high pressure hose and hydraulic oil included

## Overview

## Dimensions

Width of grip external	310 – 506 mm
Effective arm length	320 mm
Alternative arm lengths	With accessory alternative arms: 140 or 570 mm
Total Arm length	663
Claw height	40 mm
Claw length	32 mm
Claw width	24 mm
Spindle head, hexagon size	30 mm

Total spindle length	648 mm
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## Performance

Pulling force (max)	500 kN
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## Properties

Recommended applications	For the dismantling of larger bearings, gears, pulleys and other industrial ring shaped components in industrial, construction and agricultural applications with an interference fit on the shaft
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Suitable for workpiece dismantling from a Cylindrical seating (straight shaft)	Yes
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Suitable for bearing dismantling from Tapered seating (conical shaft)	Yes
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Suitable for bearing dismantling from Sleeves (adapter/withdrawal sleeve with a straight shaft)	Yes
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Suitable for workpiece dismantling from a Blind arrangement (housing with shaft)	No
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Suitable for workpiece dismantling from a Housing	No
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Suitable for bearing type(s)	All
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Dismounting force generation	A hydraulic pump is needed to advance the piston of the hydraulic cylinder in this puller, in which a mechanical spindle is fitted. The recommended pump TMJL to connect to the hydraulic cylinder, is included with this puller.
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Number of arms	3
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Hydraulic Cylinder, piston stroke	40 mm
Hydraulic Cylinder, Maximum Operating Pressure	800 bar
Hydraulic Cylinder, Maximum Operating Pressure	80 MPa
Spindle nose piece	Yes, 35 mm
Hydraulic Cylinder, Oil capacity	260 cm <sup>3</sup>
Colour	Black
Oil viscosity (maximum)	300 mm <sup>2</sup> /s
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 50/320 1x <del>TMHP</del> Puller (complete in wooden carrying case) Printed instructions for use 1x Piston hold tool 1x Wooden storage crate
Product weight	72 kg

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