

SKF TMHP 50/140

Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil capacity

The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 50/140 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 50/140 is supplied in a complete ready-to-use set with hydraulic pump, oil and connections.

Technical specifications

Dimensions	
Width of grip external	Array mm
Effective arm length	140 mm
Alternative arm lengths	With accessory alternative arms: 320 or 570 mm
Claw height	40 mm
Claw length	32 mm
Total Arm length	483 mm
Claw width	24 mm
Spindle head, hexagon size	30 mm
Total spindle length	648 mm
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
Suitable for workpiece dismantling from a Cylindrical seating (straight shaft)	Yes
Suitable for bearing dismantling from a Tapered seating (conical shaft)	Yes
Suitable for bearing dismantling from a Sleeve (adapter or withdrawal sleeve)	Yes
Suitable for workpiece dismantling from a Blind arrangement (housing with shaft)	No
Suitable for workpiece dismantling from a Housing	No
Suitable for bearing type(s)	All
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.
Number of arms	3
Pulling force (max)	500 kN
Hydraulic Cylinder, piston stroke	40 mm
Hydraulic Cylinder, Maximum Operating Pressure	800 bar
Hydraulic Cylinder, Oil capacity	260 cm ³
Oil viscosity (maximum)	300 mm ² /s
Spindle nose piece	Yes, ø35 mm
Colour	Black
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 50/140;1x TMJL 100 Pump (complete in wooden carrying case);1x Printed instructions for use;1x Piston hold tool;1x Wooden storage crate

Logistics	
Product net weight	47 kg
eClass code	23-05-19-01
UNSPSC code	27111712