

SKF TMHP 50/570

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



The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 50/570 is a powerful puller for dismounting 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 50/570 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

Dimensions

Width of grip external	12.2047 – 19.9213 in
Effective arm length	22.4409 in
Alternative arm lengths	With accessory alternative arms: 5.5 or 12.6 in
Claw height	1.5748 in
Claw length	1.2598 in
Total Arm length	35.9 in
Claw width	0.9449 in
Spindle head, hexagon size	1 3/16 "
Total spindle length	25.5 in

Properties

Recommended applications	For the dismounting 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 dismounting from a Cylindrical seating (straight shaft)	Yes
Suitable for bearing dismounting from a Tapered seating (conical shaft)	Yes
Suitable for bearing dismounting from a Sleeve (adapter or withdrawal sleeve)	Yes

Suitable for workpiece dismounting from a Blind arrangement (housing with shaft)	No
Suitable for workpiece dismounting 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)	51 tf
Hydraulic Cylinder, piston stroke	1.5748 in
Hydraulic Cylinder, Maximum Operating Pressure	11603 psi
Hydraulic Cylinder, Maximum Operating Pressure	11603 psi
Hydraulic Cylinder, Oil capacity	8.79 fl oz
Oil viscosity (maximum)	300 mm²/s
Spindle nose piece	Yes, ■1.38 in
Colour	Black
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 50/570;1x TMJL 100 Pump (complete in wooden carrying case);1x Printed instructions for use;1x Piston hold tool;1x Wooden storage crate

Logistics

Country of Manufacturing (COM code)	25 - Hungary
Product net weight	123 lb
eClass code	23-05-19-01
UNSPSC code	27111712

Compatible products

Type	Designation	Description	Qty
Refill	LHMF 300/1	Mounting or Dismounting fluid	1
Spare part	TMHP 50-3	Spare arm for Hydraulically-assisted heavy duty jaw puller	3
Spare part	TMHP 50-5	Spare spindle for Hydraulically-assisted heavy duty jaw puller	1
Accessory	TMHP 50-1	Spare arm, for Hydraulically-assisted heavy duty jaw puller	3
Accessory	TMHP 50-2	Spare arm for Hydraulically-assisted heavy duty jaw puller	3
Accessory	LGEV 2/0.035	Extremely high viscosity bearing grease with solid lubricants	1
Accessory	TMMS 260	Tri-section pulling plate	1

Type	Designation	Description	Qty
Accessory	TMMS 380	Tri-section pulling plate	1
Recommended product	TMHP 50/570X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 50/140X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 50/320X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 30/170X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 30/350X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 30/600X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 15/260X	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	TMHP 50/140	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	TMHP 50/320	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	TMHP 30/170	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	TMHP 30/350	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	TMHP 30/600	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	TMHP 15/260	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1