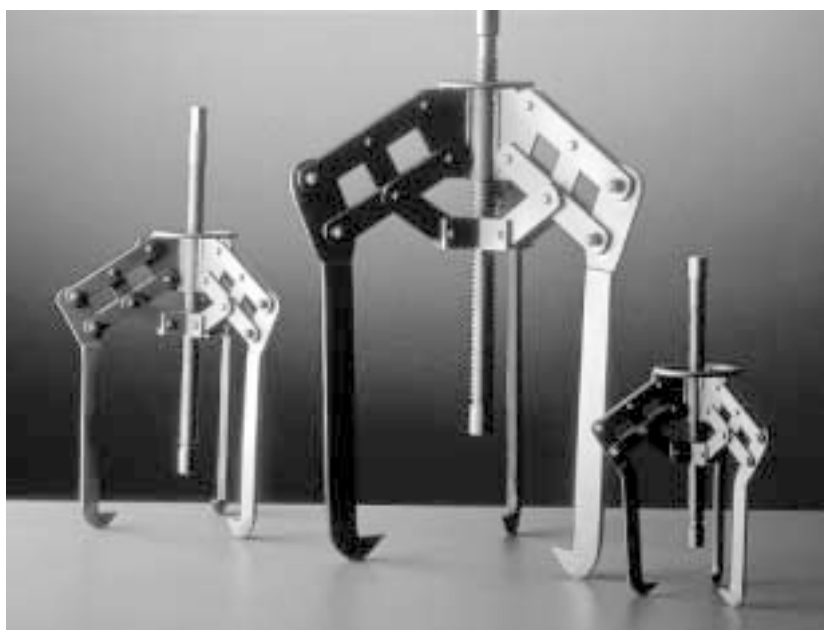




SKF TMMP 6/10/15



Instructions for use

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SAFETY RECOMMENDATIONS

- The equipment should only be operated by trained personnel.
- Always follow the operating instructions.
- Check the puller and all accessories carefully before use. Never use even slightly damaged components.
- Make sure the force rating of the puller (F) exceeds calculated maximum withdrawal force.
- Do not exceed the maximum torque (T) when applying force on a mechanical spindle.
- Always prevent the workpiece/tool from being projected upon sudden release of pressure (e.g. by use of retaining nut).
- Ensure that the puller legs are properly secured around the workpiece. Each claw must be fully engaged.
- Ensure that the separators are properly secured behind the workpiece.
- Make sure the force is equally distributed in all arms.
- Never use the equipment above the stated maximum force.
- Use protective goggles.
- Cover the work with a protective blanket or shield while force is being applied.
- Never modify the unit.
- Use original parts only.
- In case of any uncertainties in regard to the use of the puller, contact SKF.



1. APPLICATION

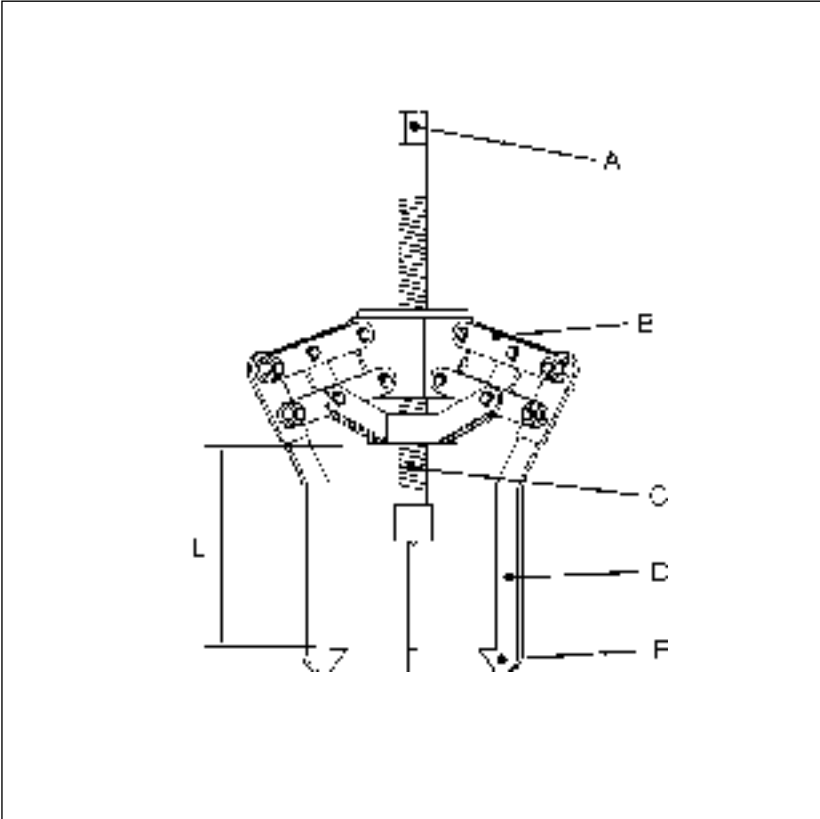
The TMMP 6, TMMP 10 and TMMP 15 are suitable for dismounting medium to large size bearings and other machinery components. A unique pantograph system for adjustment of the width of the grip prevents misalignment during operation, thereby reducing the risk of damage to the shaft or the bearings. The maximum withdrawal force ranges from 6 metric tonnes (13,500 lbf) for the TMMP 6 to 15 metric tonnes (33,700 lbf) for the TMMP 15.

2. DESCRIPTION

The pullers are all made of blackened, high-quality steel and are equipped with three arms. No pre-setting of the width of grip is required.

The puller will open fully when the boss holding the arms is pushed forward, and close to grip the bearing when the boss is pulled backward. This feature makes the TMMP 6, TMMP 10 and TMMP 15 fast and practical tools to work with.

3. DEFINITION OF PARTS AND DIMENSIONS




- A Spindle hexagon head
- B Boss
- C Spindle

- D Arm
- E Claw
- L Effective arm length

4. TECHNICAL DATA

Designation	No. of arms	Width of grip	Effective arm length (L)	Maximum withdrawal force (F)	Maximum torque (T)	Weight
		mm/in	mm/in	kN/lbf	Nm/lbf ft	kg/lb
TMMP 6	3	50-127/2.0-5.0	120/4.7	60/13,500	175/130	4,0/8.8
TMMP 10	3	100-223/3.9-8.7	207/8.2	100/22,500	340/250	8.5/19.0
TMMP 15	3	140-326/5.5-12.8	340/13.4	150/33,700	700/515	21.5/47.4



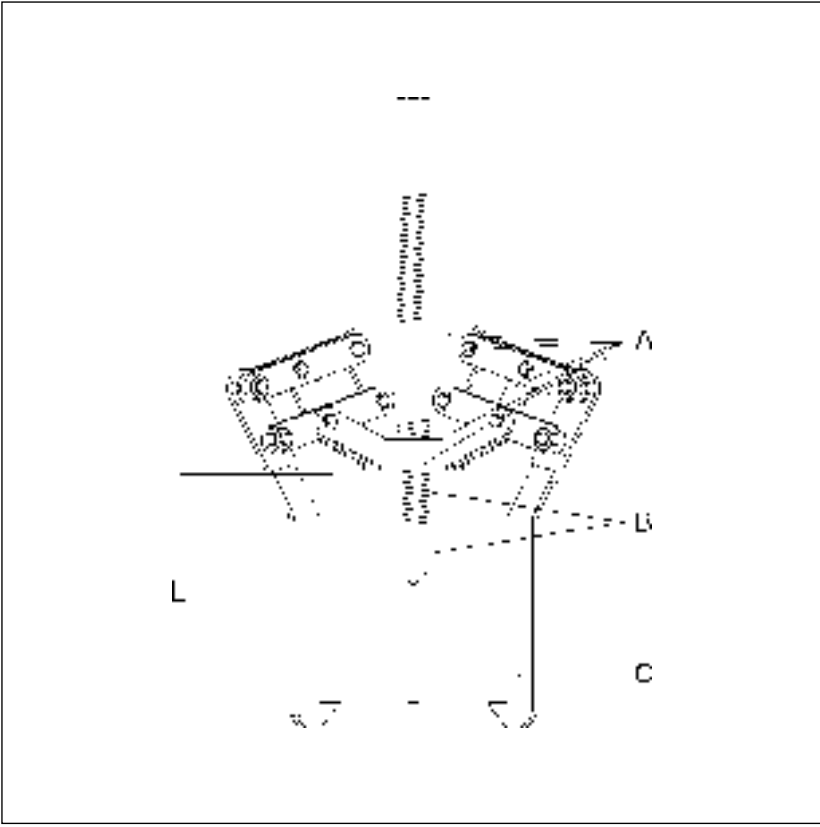
The diagram shows a side view of a jaw puller with three arms. Dimension 'a' is the distance from the base to the end of the longest arm. Dimension 'b' is the distance from the base to the end of the middle arm. Dimension 'c' is the distance from the base to the end of the shortest arm.

Designation	Claw height (a)	Claw length (b)	Claw width (c)	Spindle hexagonal head (AF)
	mm/in	mm/in	mm/in	mm
TMMP 6	15/0.59	19/0.75	8/0.31	22
TMMP 10	20/0.78	26/1.02	10/0.39	21
TMMP 15	30/1.18	37/1.46	12/0.47	28

5. REPLACEMENT PARTS

Ref.	Designation	Description	TMMP 6	TMMP 10	TMMP 15
A	TMMP ...-1K	Stand, boss and complete set of pins, bolts and arm links (per arm)			
B	TMMP ...-5	Spindle with centre nib			
C	TMMP ...-1	Arm length (L)	120 mm*	207 mm*	260 mm
C	TMMP ...-2	Arm length (L)	220 mm	350 mm	340 mm*
C	TMMP ...-3	Arm length (L)	370 mm	460 mm	435 mm
C	TMMP ...-4	Arm length (L)	470 mm	710 mm	685 mm

* Standard arm. Other arms available as optional equipment



In line with our policy of continuous development of our products we reserve the right to alter any part of the above specification without prior notice.

Although care has been taken to ensure the accuracy of this publication, SKF does not assume any liability for errors or omissions.

SKF Maintenance Products

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