

# Internal bearing puller kits TMIP series

## Fast and easy bearing dismounting

The SKF TMIP Internal bearing pullers are specially designed for dismounting bearings from housings where the fit is on the outer ring.

SKF designed, the pullers generate optimum puller force with use of spring-operated extractors and a unique designed sliding hammer, with no need for additional tools.

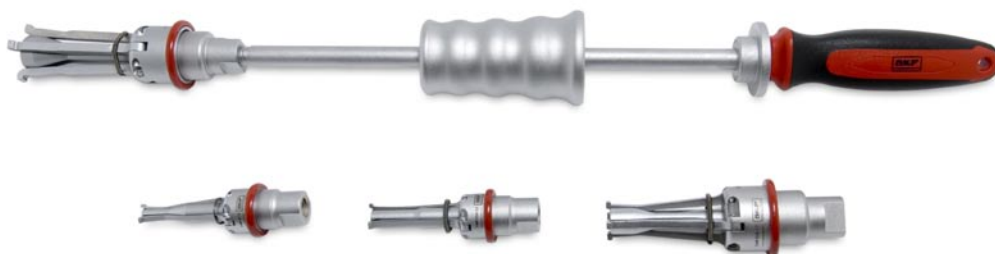
- Easy removal of bearings from housings, decreases the amount of time to dismount the bearing
- Specifically designed to suit bearing bore diameters, making the selection of extractors easy
- High-strength chrome coated engineering steel used in the puller construction provides optimum strength and durability
- Spring operated extractors helps result in easy expansion of the extractor to fit the inner ring
- Optimised claw design provides a secure grip behind the inner ring, generating higher puller force with less effort
- Ergonomic sliding hammer facilitates ease of use
- SKF designed, patent pending



**TMIP 7-28**  
Supplied with 4 extractors covering bore diameters from 7 to 28 mm (0,28 to 1,1 in)



**TMIP 30-60**  
Supplied with 2 extractors covering bore diameters from 30 to 60 mm (1,2 to 2,4 in)



### Technical data

Designation	TMIP 7-28	TMIP 30-60
Description	Internal bearing puller	Internal bearing puller
Weight (total kit)	3,3 kg (7,3 lb)	5,4 kg (11,9 lb)
Total sliding hammer length	412 mm (16,2 in)	557 mm (21,9 in)
Case size (w x d x h)	395 x 300 x 105 mm (15,5 x 11,8 x 4,1 in)	395 x 300 x 105 mm (15,5 x 11,8 x 4,1 in)
Spare parts	TMIP E1 and TMIP E2	TMIP E3 and TMIP E4

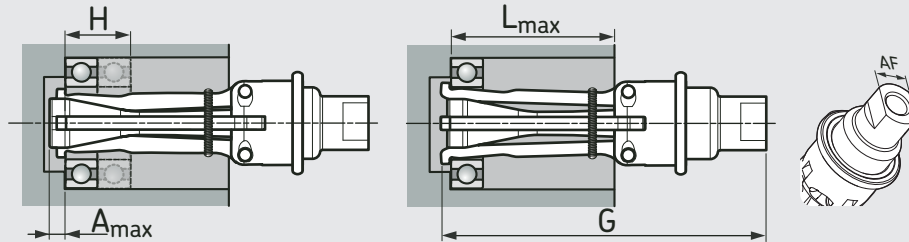


Dismounting



## Technical data extractors

Extractor size	A <sub>max</sub> Space behind bearing		L <sub>max</sub> Housing depth		H Bearing width		G Total extractor length		AF Adapter size
	mm	in	mm	in	mm	in	mm	in	mm
TMIP E7-9	6	0,24	38	1,5	>8	>0,3	88	3,5	15
TMIP E10-12	6	0,24	41	1,6	>17	>0,7	88	3,5	15
TMIP E15-17	6,5	0,26	49	1,9	>22	>0,9	118	4,6	15
TMIP E20-28	10	0,4	60	2,4	>24	>0,95	127	5,0	15
TMIP E30-40	11,5	0,45	97	3,8	>35	>1,4	143	5,6	19
TMIP E45-60	15	0,6	102	4,0	>64	>2,5	152	6,0	19



## Bearing selection

Extractor	Size mm	Bearing						
		DGBB	SABB	ACBB	DDGBB			
TMIP E7-9	dmin	7	607	618/7	127			
	dmax	9	629	619/9	129			
TMIP E10-12	dmin	10	6000	16000	1200	3200	4200	
	dmax	12	6301	16101	2301	5201	4301	
TMIP E15-17	dmin	15	6002	16002	1202	3202	4202	
	dmax	17	6403	16003	2303	3303	4303	
TMIP E20-28	dmin	20	6004	16004	62/22	1204	3204	4204
	dmax	28	6405	16005	63/28	2305	3305	4305
TMIP E30-40	dmin	30	6006	16006		1206	3206	4206
	dmax	40	6408	16008		2308	5408	4308
TMIP E45-60	dmin	45	6009	16009		1209	3209	4209
	dmax	60	6412	16012		1412	5412	4312

## Spare parts

Designation	Description		
TMIP E1	Extractor set with extractors 7-9 mm and 10-12 mm and sliding hammer size 1	TMIP E3	Extractor 30-40 mm
		TMIP E4	Extractor 45-60 mm
TMIP E2	Extractor set with extractors 15-17 mm and 20-28 mm and sliding hammer size 1	<b>Accessories</b>	
		TMMX 210	Puller protection blanket
		TMBA G11W	Special working gloves

## Kit contents

TMIP 7-28	TMIP 30-60
Slide hammer	Slide hammer
Extractor 7 - 9 mm (0,28 - 0,35 in)	Extractor 30 - 40 mm (1,2 - 1,6 in)
Extractor 10 - 12 mm (0,39 - 0,47 in)	Extractor 45 - 60 mm (1,8 - 2,4 in)
Extractor 15 - 17 mm (0,59 - 0,67 in)	IFU card
Extractor 20 - 28 mm (0,79 - 1,1 in)	Carrying case
IFU card	
Carrying case	

© SKF is a registered trademark of the SKF Group

© SKF Group 2009

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

MP/PDS TMIP EN • October 2009

[www.mapro.skf.com](http://www.mapro.skf.com) • [skf.com/mount](http://skf.com/mount) • [skf.com/lubrication](http://skf.com/lubrication)

