

## Technical data sheet

# Bearing mounting and dismounting toolkit MK 10-30



### Maintenance Kit MK 10-30, the combination toolset for quickly and easily mounting and dismounting bearings

The MK 10-30 quickly and precisely mounts bearings with a diameter of 10–30 mm, and removes deep groove ball bearings from corresponding shafts and housings.

The toolset includes a multipurpose mounting tool that is suitable for mounting bearings, bushings, seals, tension rollers, and other similar parts.

The set also includes a three-armed extractor for removing deep groove ball bearings from shafts and housings. A combination of this extractor with the sliding hammer and support rings enables the easy dismounting of deep groove ball bearings from housings.

### Description of Maintenance Kit MK 10-30

- All pieces are neatly arranged in the carrying case so that they can be easily found
- The right combination of impact ring and sleeve ensures that the mounting forces never go through the rolling elements of a bearing, which minimizes bearing damage due to incorrect installation
- The impact rings are made of high-strength modified resin. The impact sleeves are made of anodized aluminium, which is robust, stable and very light
- A complete set of different-sized puller arms and spindles simplifies the dismounting process of deep groove ball bearings
- The hooks were specially developed to be mounted in the raceway of the bearing. This offers an optimal hold and allows for greater dismounting power
- The flexible locking ring makes the assembly of the puller arms with the spindle simple



Application videos on [www.simatec.com](http://www.simatec.com)



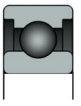
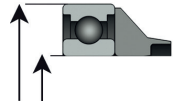




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Number of impact rings:	21 (12 size A and 9 size B)
Number of impact sleeves:	2 (size A and B)
Puller arms A1-A5:	5 sets with 3 puller arms each
Inner diameter of the impact rings:	10-30 mm
Outer diameter of the impact rings:	26-72 mm
Inner diameter of the impact sleeves:	18 und 37 mm
Blowback-proof hammer:	FT 33-H, weight 1,0 kg
Support rings (diameter):	10, 12, 15, 17, 20, 22, 25, 28 und 30 mm
Spindle key width:	19 mm und 24 mm
Sliding hammer weight / total sliding hammer weight (incl. rod):	1'056 g / 1'716 g
Carrying case measurements (L x W x H):	440 x 348 x 97,2 mm
Weight of the kit:	7'032 g

### Selection Table Maintenance Kit MK 10-30

Mounting			Dismounting		
					
Deep groove ball bearings	Impact ring D / d	Impact sleeve	Spindle size	Puller arm	Support ring
6000,6200,6300	A10/26,A10/30,A10/35	A	M12,M12,M12	A1,A1,A3	1,1,1
6001,6201,6301	A12/28,A12/32,A12/37		M12,M12,M12	A1,A2,A3	2,2,2
6002,6202,6302	A15/32,A15/35,A15/42		M12,M12,M12	A1,A2,A3	3,3,3
6003,6203,6303,6403	A17/35,A17/40,A17/47,B20/52	B	M12,M12,M16,M16	A1,A2,A4,A5	4,4,4,4
6004,6204,6304	B20/42,B20/47,B20/52		M12,M12,M16	A2,A3,A4	5,5,5
63/22,6005,6205,6305	B25/52,B25/47,B25/52,B25/62		M16,M12,M12,M16	A4,A2,A3,A5	6,6,6,6
63/28,6006,6206,6306	B30/62,B30/55,B30/62,B30/72		M16,M12,M16,M16	A5,A2,A4,A5	7,7,7,7
6007,6207,6307			M12,M16,M16	A3,A5,A5	
6008,6208			M12,M16	A3,A5	
6009,6209			M12,M16	A3,A5	
6010,6210			M12,M16	A3,A5	
6011,6211			M16,M16	A4,A5	
6012			M16	A4	
6013			M16	A4	
6014			M16	A5	
6015			M16	A5	
6016			M16	A5	
6017			M16	A5	