

SKF Bearing fitting tool kit TMFT 36

Helps prevent premature bearing failures

Poor fitting, usually using brute force, accounts for 16% of premature bearing failures. The SKF Bearing fitting tool kit is designed for quick and precise mounting of bearings, while minimising the risk of bearing damage.

The right combination of impact ring and sleeve allows effective transmission of mounting force to the bearing ring with the interference fit, minimising the risk of damaging the bearing's raceways or rolling elements. In addition to mounting bearings, the TMFT 36 is also suitable for mounting other components such as bushings, seals and pulleys. The kit contains 36 impact rings, 3 impact sleeves and a dead-blow hammer packed in a lightweight carrying case.

- The TMFT 36 facilitates the mounting of different bearings with bore diameters from 10–55 mm
- Facilitates correct mounting on shaft, housing and blind applications
- The diameter of the impact ring precisely fits the inner and outer diameter of the bearing
- Small diameter of the impact area on top of the sleeve allows effective transmission and distribution of mounting force
- Impact rings and sleeves are made of high impact resistant material for longevity
- Click connection between impact ring and sleeve provides stability and durability
- The impact rings are suitable for use under a press
- Impact rings are marked for clear visual identification of the ring's size and easy selection
- Even surface of the impact sleeve's body provides excellent grip
- The nylon double-side head of the dead-blow hammer helps to prevent damaging the components
- The rubber handgrip of the dead-blow hammer provides excellent grip

Technical data

Designation	TMFT 36
Impact rings	
Bore diameter	10–55 mm (0.39–2.17 in.)
Outer diameter	26–120 mm (1.02–4.72 in.)
Sleeves	
Maximum shaft length	Sleeve A: 220 mm (8.7 in.) Sleeve B: 220 mm (8.7 in.) Sleeve C: 225 mm (8.9 in.)
Hammer	TMFT 36-H, weight 0,9 kg (2.0 lb)
Carrying case dimensions	530 × 110 × 360 mm (20.9 × 4.3 × 14.2 in.)
Number of rings	36
Number of sleeves	3
Weight (including carrying case)	4,4 kg (9.7 lb)



TMFT 36 is suitable for SKF bearing series

								
DGBB	DGBB (sealed)	SABB	SRACBB	DRACBB	SRB	CRB	TRB	CARB
6000–6011 6200–6211 6300–6311 6403–6409 629 62/22 62/28 63/22 63/28 16002–16011 16100–16101 98203–98206	62200–62211 62300–62311 63000–63010	1200–1211 129 1301–1311 2200–2211 2301–2311 11207–11210	7000–7011 7200–7211 7301–7311	3200–3211 3302–3311	21305–21311 22205/20 22205–22211 22308–22311	N 1005–N 1011 N 202–N 211 N 2203–N 2211 N 2304–N 2311 N 3004–N 3011 N 303–N 311	30203–30211 30302–30311 31305–31311 32004–32011 32205–32211 32303–32311 33010–33011 33205–33211	C 2205–C 2211 C 4010 C 6006

Interference fits on cylindrical shafts

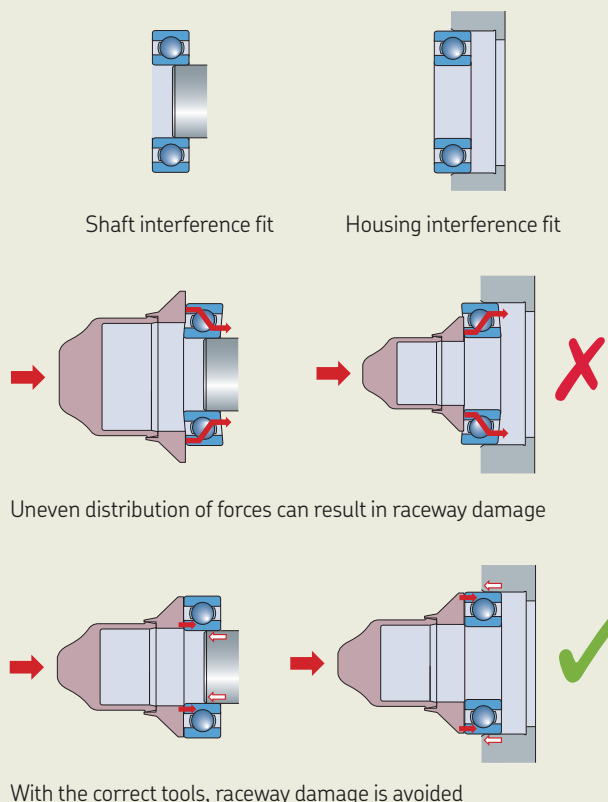
Most bearings are fitted to their shaft or housing with one component having an interference fit. For determining the correct fit, refer to the SKF General Catalogue, the SKF Maintenance Handbook or consult an SKF application engineer.

Incorrect mounting

When bearings are mounted cold, care must be taken to ensure the drive-up forces are applied to the ring with the interference fit. Damage to the bearing resulting in a failure can occur if the mounting force is transmitted through the rolling elements causing damage to the raceways.

Correct mounting

The correct way to minimise raceway damage is to use specifically designed tools from SKF, such as the Bearing fitting tool kits and Combi kits. These tools allow drive-up forces to be applied effectively and evenly to the component with the interference fit, avoiding raceway damage.



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