



Image may differ from product. See technical specification for details.



TMBS 50E

Strong back puller with Mechanical spindle

The SKF TMBS 50E strong back puller facilitates dismantling of bearings in applications where the use of traditional jaw pullers is restricted due to lack of space or when the application requires a long reach. The puller is operated mechanically and especially suitable for small shaft diameters. A special separator design is used that can be easily inserted between the bearing and the shoulder on the shaft.

- Easily separator placement between bearing and shoulder on the shaft
- Spring-loaded centre point of spindle allows easy puller centring and minimises the risk of shaft damage
- Dismounting force is generated by mechanical spindle
- Firm grip behind the bearing's inner ring reduces the force required to dismount the bearing

Overview

Dimensions

Case dimensions (l x h x w)	295 x 190 x 50 mm
Total spindle length	138 mm

Properties

Coating	Black phosphated
Colour	Black
Content	1 x separator set 1 x beam 1x mechanical spindle 2 x main rods IFU QR code card Case
Dismounting force generation	Spindle
Material	Alloy engineering steels, hardened and tempered
Pulling force (max)	30 kN
Reach, using separator (max)	110 mm
Recommended applications	For dismounting of bearings, gears, pulleys and other industrial ring shaped components from shafts in industrial, construction and agricultural applications, where there is limited space behind the component and traditional jaw pullers won't fit.
Recommended storage temperature	undefined - 50 °C
Relative humidity	max 75%
Separator height	16 mm
Shaft diameter range, using separator	7 to 50 mm
Special features	Provide the possibility to engage the inner ring of the bearing, thus making sure that no withdrawal force is transmitted through the rolling elements
Spindle head, hexagon size	19 mm
Spindle nose piece	no
Spindle torque (max)	70 N-m
Suitable for bearing dismounting from a Sleeve (adapter or withdrawal sleeve)	Yes
Suitable for bearing dismounting from a Tapered seating (conical shaft)	Yes
Suitable for bearing type(s)	All
Suitable for workpiece dismounting from a Blind arrangement (housing with shaft)	No
Suitable for workpiece dismounting from a Cylindrical seating (straight shaft)	Yes
Suitable for workpiece dismounting from a Housing	No
Workpiece outer diameter range, using separator	10 to 85 mm

Logistics

Product net weight	1.83 kg
eClass code	23-05-19-01
UNSPSC code	27111712

Compatible products

Accessory

Extremely high viscosity bearing grease with solid lubricants	LGEV 2/0.035
Puller protection blanket	TMMX 210

Spare part

Spare main rods with washers and nuts, for Strong back puller	TMBS 50E-1K
Spare spindle for Strong back puller	TMBS 50E-2