

SKF TMHC 110E

Hydraulic puller kit

The TMHC 110E is a hydraulic puller kit that combines a jaw puller and a strong back puller. The kit includes two arm sets with different lengths that can be used in 2-arm or 3-arm configuration and a back puller with a maximum reach of 250 mm (9.8 in.). The hydraulic spindle with safety valve enables safe and effortless dismounting for various bearings and components. The spring-loaded centre piece and self-locking puller arms further support safe and easy puller operation.

Technical specifications

Dimensions	
Workpiece outer diameter range, using arms	Set 1: 50 to 110 mm;Set 2: 75 to 170 mm
Reach, using arms (max)	Set 1: 65 mm;Set 2: 115 mm
Claw height	8 mm
Claw length	15 mm
Claw width	25 mm
Hydraulic spindle, piston stroke	80 mm
Puller adaptor thread	UN 1.5 x 16 tpi
Workpiece outer diameter range, using separator	26 to 160 mm
Shaft diameter range, using separator	20 to 100 mm
Reach, using separator (max)	250 mm, using provided extension rods
Total spindle length	505 mm, incl. 2 available extension pieces
Properties	
Recommended applications	For dismounting of bearings, gears, pulleys and other industrial ring shaped components from shafts in industrial, construction and agricultural applications. Option to choose from jaw puller or separator depending on the space surrounding the component.
Suitable for workpiece dismounting from a Cylindrical seating (straight shaft)	Yes
Suitable for bearing dismounting from a Tapered seating (conical shaft)	Yes
Suitable for bearing dismounting from a Sleeve (adapter or withdrawal sleeve)	Yes
Suitable for workpiece dismounting from a Blind arrangement (housing with shaft)	No
Suitable for workpiece dismounting from a Housing	No
Suitable for bearing type(s)	All
Dismounting force generation	Hydraulic spindle,TMHS 100
Special features	Centring and self locking system for firm grip of the component ;Useable as 2 or 3 armed puller, Provided with 2 different arm sets, Provided with various spindle extension pieces to quickly adapt the reach;Provide the possibility with the separator to engage the inner ring of the bearing, thus making sure that no withdrawal force is transmitted through the rolling elements;Comes with extension rods to allow useage on longer shafts;Hydraulic spindle with integrated safety valve for safer use
Pulling force (max)	100 kN
Total number of arms in kit	2 sets of 3
Arms	Set 1, TMHP 10E-9 with arm length 140 mm;Set 2, TMHP 10E-10 with arm length 190 mm
Separator height	25 mm
Spindle nose piece	yes, ø 30mm

Colour	Black;Silver
Material	Alloy engineering steels, hardened and tempered
Coating	Black phosphated, Hydraulic spindle with trivalent chromium parts
Recommended storage temperature	Array °C
Relative humidity	max 75%
Case dimensions (l x h x w)	580 x 410 x 70 mm
Content	1 x arm-assembly stand;3 x arms, set 1, TMHP10E-9;3 x arms, set 2, TMHP10E-10;1 x separator set;1 x beam;2 x main rods;2 x extension rods, 125 mm;1 x hydraulic spindle TMHS 100, with handle bar;2 x extension pieces for hydraulic spindle: 50, 100 mm;1 x nosepiece with centre point for hydraulic spindle;IFU;Case

Logistics	
Product net weight	15.1 kg
eClass code	23-05-19-01
UNSPSC code	27111712