

SKF TMHS 100

Advanced hydraulic spindle



The TMHS series is an advanced hydraulic spindle with an integrated hydraulic pump for force generation. The spindle contains an integrated cylinder filled with hydraulic fluid. By pumping the hydraulic fluid using the spindle's handle, the piston will advance. The piston will automatically retract by releasing the pressure relief valve. They are equipped with a safety valve, which prevents overloading of the spindle and the puller it is used with.

- Nose piece with a spring-loaded centre point, allowing the puller to be easily centered on the shaft in case a centre point is available
- Quick to operate
- Comes with a range extension pieces

Logistics

Country of Manufacturing (COM code)	49 - Taiwan
Product net weight	9.79 lb
eClass code	23-05-19-01
UNSPSC code	27111712

Properties

Recommended applications	For use as force generator with desingated SKF pullers in the dismounting of bearings, gears, pulleys and other industrial ring shaped components in industrial, construction and agricultural applications with an interference fit on the shaft.
Special features	Integrated safety valve; Closed hydraulic system
Pulling force (max)	10.2 tf
Hydraulic spindle, piston stroke	3.3465 in
Connecting thread	UN 1.5 x 16 tpi
Total spindle length	25.78 in
Spindle nose piece	yes, ■ 1.2 in
Reach (max)	6.6535 – 21.6535 in
Handle length (L■)	17.7165 in
Material handle	Steel with Rubber grip
Material	Alloy engineering steels, hardened and tempered; Rubber
Coating	Spindle and handle bar: chrome coated;Spindle body, nose and extention pieces black phosphated

Colour	Metallic and black
Recommended storage temperature	23 – 104 °F
Relative humidity	< 75%
Content	1× Hydraulic spindle; 3× Extension pieces: 2.0, 3.9 and 5.9 in;1× Nosepiece;Handle;Handlebar;QR code card

Compatible products

Type	Designation	Description	Qty
Parent product	TMBS 100E	Strong back puller with Hydraulic spindle	1
Parent product	TMBS 150E	Strong back puller with Hydraulic spindle	1
Parent product	TMHC 110E	Hydraulic puller kit	1
Parent product	TMHP 10E	Hydraulic jaw puller kit	1
Parent product	TMMA 100H	EasyPull hydraulic puller	1
Parent product	TMMA 100H/SET	EasyPull hydraulic puller set	1