

SKF TMMA 100H

EasyPull hydraulic puller



The SKF EasyPull TMMA 100H is one of the most user-friendly and safest bearing dismounting tools on the market. It is very robust and ergonomically designed and features spring-operated arms that enable the user to position the puller behind the component with just one movement. The TMMA 100H is hydraulically assisted and effortlessly reaches withdrawal forces up to 100 kN for components with a maximum outer diameter of 250 mm (9.8 in).

- Integrated, ready-to-use hydraulic cylinder, pump and puller - assembly-free and no purchase of additional parts
- Safety valve prevents spindles and pullers from being overloaded if excessive force is applied
- The spring-loaded centre point on the hydraulic spindle allows easy centring of the puller on the shaft without damaging the shaft
- Unique red rings spring-operated opening mechanism allow the TMMA 100H to be placed behind the component with just one movement
- Self-centring capability and nosepiece help to avoid damage to shaft
- Supplied with extension pieces and one nosepiece

Dimensions

Width of grip external	2.9528 – 9.8425 in
Effective arm length	9.8425 in
Claw height	0.5433 in
Claw length	0.9449 in
Total Arm length	16.38 in
Claw width	1.5748 in
Hydraulic spindle, piston stroke	3.3465 in
Puller adaptor thread	UN 1.5 x 16 tpi
Total spindle length	25.8 in

Properties

Recommended applications	For 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
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	Spring operated opening mechanism
Number of arms	3
Pulling force (max)	10.2 tf
Spindle nose piece	yes, 1.10 in
Colour	Black, with red handle
Material	Alloy engineering steels, hardened and tempered
Coating	Black phosphated, red powdercoated
Content	1x Puller TMMA 100H ; 1x Mounted hydraulic spindle TMHS 100; 3x Spindle extension pieces, 1x Nose piece, 1x Handle, 1x Handle rod;1x Printed instructions for use

Logistics

Country of Manufacturing (COM code)	25 - Hungary
Product net weight	29.6 lb
eClass code	23-05-19-01
UNSPSC code	27111712

Compatible products

Type	Designation	Description	Qty
Spare part	TMHS 100	Advanced hydraulic spindle	1
Spare part	TMHS 100-1	Spare advanced hydraulic spindle, spindle only	1
Spare part	TMHS 8T	Spare set of extension pieces and nose piece for Hydraulic spindles	1
Spare part	TMMA 100H-1	Spare arm with bolt for Easypull hydraulic puller	3
Spare part	TMMA 100H/12-3	Spare opening mechanism for EasyPull hydraulic puller or EasyPull mechanical puller	1
Accessory	TMMA 120-2	Spare spindle with nose piece for EasyPull mechanical puller	1
Accessory	TMMA 8E-1	Spare tool case (empty) for Easypull hydraulic puller	1
Accessory	TMMS 50	Tri-section pulling plate	1
Accessory	TMMS 100	Tri-section pulling plate	1
Accessory	TMMS 160	Tri-section pulling plate	1
Accessory	TMMX 350	Puller protection blanket	1

Type	Designation	Description	Qty
Recommended product	TMMA 60	EasyPull mechanical puller	1
Recommended product	TMMA 80	EasyPull mechanical puller	1
Recommended product	TMMA 120	EasyPull mechanical puller	1
Recommended product	TMMA 75H	EasyPull hydraulic puller	1
Recommended product	TMMA 75H/SET	EasyPull hydraulic puller set	1
Recommended product	TMMA 100H/SET	EasyPull hydraulic puller set	1