SKF EasyPull TMMA series



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Equipped with spring-operated arms and a solid design, the patented SKF EasyPull is one of the most user-friendly and safe tools on the market. Ergonomically designed, the spring-operated arms enable the user to position the puller behind the component with just one movement. The SKF EasyPull is available in mechanical and hydraulically assisted versions, as well as complete kits with a tri-section pulling plate and a puller protection blanket.





Safe and simple bearing dismounting

Mechanical pullers TMMA series

- Sturdy design allows dismounting of components even in the tightest application in a safe manner
- The unique red rings spring-operated opening mechanism allows the SKF EasyPull to be placed behind the component with one movement of the hands
- Self-locking arms help prevent the risk of puller slipping under load
- Double hexagonal heads allow easier application of withdrawal force
- Self-centring capability and nosepiece help avoid damage to shaft
- Efficient use of time due to quick dismounting
- Available in three sizes with a withdrawal force of 60, 80 or 120 kN *(6.7, 9.0 or 13.5 US ton)*, enabling easy selection
- TMHS series hydraulic force generators are available as an accessory for the 80 and 120 kN versions

Quick and virtually effortless bearing dismounting

Hydraulic pullers TMMA ..H series

- Ready-to-use, integrated hydraulic cylinder, pump and puller – thus it is assembly-free and it is not necessary to purchase separate 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
- The TMMA 100H has a maximum withdrawal force of 100 kN *(11.2 US ton)* and a long stroke of 80 mm *(3.1 in.)*, which facilitates most dismounting jobs in just one operation
- For dismounting jobs requiring less force, SKF offers a 75 kN *(8.4 US ton)* version, the hydraulic EasyPull TMMA 75H with a maximum stroke of 75 mm *(3 in.)*
- Supplied with extension pieces and one nosepiece

Technical data

Designation	TMMA 60	TMMA 80	TMMA 120	TMMA 75H	TMMA 100H
Width of grip external, minimum	36 mm *(1.4 in.)*	52 mm *(2.0 in.)*	75 mm *(3.0 in.)*	52 mm *(2 in.)*	75 mm *(3 in.)*
Width of grip external, maximum	150 mm *(5.9 in.)*	200 mm *(7.8 in.)*	250 mm *(9.8 in.)*	200 mm *(7.8 in.)*	250 mm *(9.8 in.)*
Effective arm length	150 mm *(5.9 in.)*	200 mm *(7.8 in.)*	250 mm *(9.8 in.)*	200 mm *(7.8 in.)*	250 mm *(9.8 in.)*
Maximum withdrawal force	60 kN *(6.7 US ton)*	80 kN *(9.0 US ton)*	120 kN *(13.5 US ton)*	75 kN *(8.4 US ton)*	100 kN *(11.2 US ton)*
Claw height	7,5 mm *(0.30 in.)*	9,8 mm *(0.39 in.)*	13,8 mm *(0.54 in.)*	9,8 mm *(0.39 in.)*	13,8 mm *(0.54 in.)*
Hydraulic spindle	–	–	–	TMHS 75	TMHS 100
Adapter: possible to upgrade to hydraulic version	–	TMHS 75	TMHS 100	–	–
Total weight	4,0 kg *(8.8 lb)*	5,7 kg *(12.6 lb)*	10,6 kg *(23.4 lb)*	7,0 kg *(15.4 lb)*	13,2 kg *(29 lb)*





A complete bearing dismounting solution

Hydraulic puller sets TMMA ..H /SET series

- A set consisting of a hydraulically assisted SKF EasyPull together with a tri-section pulling plate, TMMS series, and a puller protection blanket facilitate an easy, safe and virtually damage-free dismounting
- Especially suitable for dismounting spherical roller and CARB toroidal roller bearings, and other components such as pulleys and flywheels
- A puller protection blanket, TMMX series, made of a strong transparent material allows the user to visually follow the dismounting procedure. While dismounting, the blanket helps to protect from flying fragments of bearings or other components, thereby enhancing user safety
- A sturdy custom-made storage case with room for all parts minimises the risk of loosing or damaging the set's components



Technical data

Designation	TMMA 75H/SET	TMMA 100H/SET
Puller	TMMA 75H	TMMA 100H
Tri-section pulling plate	TMMS 100	TMMS 160
Puller protection blanket	TMMX 280	TMMX 350
Dimensions of case	600 × 235 × 225 mm *(23.6 × 9.3 × 8.6 in.)*	680 × 320 × 270 mm *(27 × 13 × 11 in.)*
Total weight	15,0 kg *(33.1 lb)*	31,6 kg *(70 lb)*

Accessories

Designation	 Puller Protection Blankets TMMX series	 Force Generators Advanced Hydraulic Spindle TMHS series	 Tri-section Pulling Plates TMMS series
TMMA 60	TMMX 210* TMMX 280	–	TMMS 50*
TMMA 80	TMMX 210 TMMX 280* TMMX 350	TMHS 75	TMMS 50* TMMS 100*
TMMA 120	TMMX 280 TMMX 350*	TMHS 100	TMMS 50 TMMS 100* TMMS 160*
TMMA 75H	TMMX 210 TMMX 380* TMMX 350	TMHS 75 **	TMMS 50* TMMS 100*
TMMA 100H	TMMX 280 TMMX 350*	TMHS 100 **	TMMS 50 TMMS 100* TMMS 160*
TMMA 75H/SET	TMMX 280 **	TMHS 75 **	TMMS 50* TMMS 100**
TMMA 100H/SET	TMMX 350 **	TMHS 100 **	TMMS160 **

* recommended / ** accessory included with puller



For additional user safety during dismounting

SKF Puller Protection Blankets TMMX series

The SKF TMMX series are designed to offer additional user safety, while dismounting bearings or other components



Effortless withdrawal force generation

Advanced Hydraulic Spindles TMHS 75 and TMHS 100

The SKF TMHS 75 and TMHS 100 generate a high pulling force with very little effort compared to the standard mechanical spindles. They significantly reduce the time needed to dismount a bearing or other component.



Efficient and correct dismounting

SKF Tri-section Pulling Plates TMMS series

The SKF TMMS series consists of five different sizes of tri-section pulling plates suitable for shafts with diameters ranging from 50 to 380 mm *(2 to 15 in.)*

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