# 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 and a long stroke of 80 mm , which facilitates most dismounting jobs in just one operation
- For dismounting jobs requiring less force, SKF offers a 75 kN version, the hydraulic EasyPull TMMA 75H with a maximum stroke of 75 mm
- 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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