

Application

The TMMA 5E provides a withdrawal force of 50 kN (5 tons imperial). It is designed to extract mechanical components by gripping onto the circumference, a so-called external pull. The puller's maximum width of grip is 200 mm (7.9 inch).

Safety

- The mechanical spindle of the TMMA 5 has been replaced by the hydraulic one and is thereby not included with the puller.
- The safety pin, which is used in the mechanical version of the EasyPull, TMMA 5, has been removed from the hydraulic EasyPull, TMMA 5E. This safety pin has become redundant due to the presence of the safety valve incorporated in the hydraulic spindle. Therefore, if using the mechanical spindle instead of the hydraulic one, the safety pin has to be re-installed in the arm of the TMMA 5 puller !
- It is not recommended to use a mechanical spindle instead of the hydraulic spindle (TMHS 5E) delivered with the product.

Description

The TMMA 5E is developed by and produced exclusively for SKF. The puller has three arms with replaceable claws, which are made of high quality steel with a blackened finish. The arms are opened by simply squeezing the two ergonomically designed spring-loaded red rings together. The puller arms are then placed on the component to be dismantled and when the pressure on the springs is released, the arms self lock onto the component, preventing the puller from slipping when under load. The TMMA 5E is standard fitted with an advanced hydraulic spindle, TMHS 5E. This hydraulic spindle has an integrated hydraulic pump for effortless force generation. The puller is supplied with 2 extension pieces and a nosepiece for the spindle, allowing easy adaptation to the shaft's length. The puller is protected from overload by a safety valve, which is built in the hydraulic spindle. This safety valve replaces the safety pin, which is used in the mechanical TMMA 5.



Technical details

Designation	TMMA 5E
Description	Hydraulic puller, EasyPull
Contents	1 x EasyPull, TMMA 5 without mechanical spindle 1 x Advanced Hydraulic Spindle, TMHS 5E 2 x extension pieces for the hydraulic spindle; 50 and 100 mm (2.0 and 3.9 in) 1 x nosepiece for the hydraulic spindle 1 x Language free instruction for use manual
Maximum withdrawal force	50 kN (5 tons imp.)
Safety valve setting (spindle)	55 kN (5.5 tons imp.)
Maximum stroke (spindle)	75 mm (3.0 in)
Minimum width of grip	52 mm (2.0 in)
Maximum width of grip	200 mm (7.9 in)
Effective arm length	200 mm (7.9 in)
Weight	6,6 kg (14.6 lb)
Adapter thread	UN 1¼" x 12 tpi

Replacement parts

TMMA 5-2K	Opening mechanism
TMMA 5E-2	Arm assembly
TMMA 5-3	Set of 3 claws
TMHS 5T	Extension piece set, consisting of 1 x 50 mm (2.0 in) and 1 x 100 mm (3.9 in) extension pieces and a nosepiece
TMHS 5E	Advanced hydraulic spindle, complete with extension pieces and nosepiece

