

**KL-0039-2010 Pull Spindle M10x1.25 with Nuts**

**Technical Data:**

Overall length:	395 mm
Max. load capacity:	5 t

**Scope of Delivery:**
**KL-0039-2010 Pull Spindle M10x1.25, with nuts**

Part No.	Description	Qty.
KL-0039-2010-1	Pull Spindle M10x1.25	1
KL-0039-1910-2	Shoulder nut M10x1.25	2

**KL-0039-2012 Pull Spindle M12 with Nuts**

**Technical Data:**

Overall length:	395 mm
Max. load capacity:	7 t

**Scope of Delivery:**
**KL-0039-2012 Pull Spindle M12, with nuts**

Part No.	Description	Qty.
KL-0039-2012-1	Pull Spindle M12	1
KL-0039-1912-2	Shoulder nut M12	2

**KL-0039-2014 Pull Spindle M14 with Nuts**

**Technical Data:**

Overall length:	395 mm
Max. load capacity:	9 t

**Scope of Delivery:**
**KL-0039-2014 Pull Spindle M14, with nuts**

Part No.	Description	Qty.
KL-0039-2014-1	Pull spindle M14	1
KL-0039-1914-2	Shoulder nut M14	2

**KL-0039-2016 Pull Spindle M16 with Nuts**

**Technical Data:**

Overall length:	395 mm
Max. load capacity:	13 t

**Scope of Delivery:**
**KL-0039-2016 Pull Spindle M16, with nuts**

Part No.	Description	Qty.
KL-0039-2016-1	Pull spindle M16	1
KL-0039-1916-2	Shoulder nut M16	2

**KL-0039-2018 Pull Spindle M14 with Nuts**

**Technical Data:**

Overall length:	395 mm
Max. load capacity:	16 t

**Scope of Delivery:**
**KL-0039-2014 Pull Spindle M14, with nuts**

Part No.	Description	Qty.
KL-0039-2014-1	Pull Spindle M18	1
KL-0039-1914-2	Shoulder nut M18	2

**KL-0045-70 A Hydraulic Spindle 12 t with Press Piece and Adaptor**


The KL-0045-70 A is a hydraulic spindle with a maximum admissible force of 120 kN (12 t) to fit a range of KLANN tool systems.

The tool consists of a high-quality steel body with two pistons inside, seal rings and various screw connections.

**Scope of Delivery:**
**KL-0045-70 A Hydraulic Spindle 12 t with Press Piece and Adaptor**

Part No.	Description	Qty.
KL-0045-7	Hydraulic spindle 12 t M42x2	1
KL-0174-552	Adaptor 2 1/4"-14 UNS to M42x2	1
KL-0045-7021	Adaptor Ø20.5 mm with O-ring	1