

AT4K

Mechanical flange alignment tool

The AT4K is a mechanical flange alignment tool. It produces a maximum reaction alignment force of 40 kN when a torque of 68 Nm is applied to the tool, and is used to correct:

- **Linear misalignment** – when the axis of the two flanges are not aligned
- **Rotational misalignment** – when the axes are aligned but the bolt holes are not



40 kN

MAX. ALIGNMENT FORCE

68 Nm

INPUT TORQUE

62 mm

MAX. MISALIGNMENT

8 kg

TOOL WEIGHT

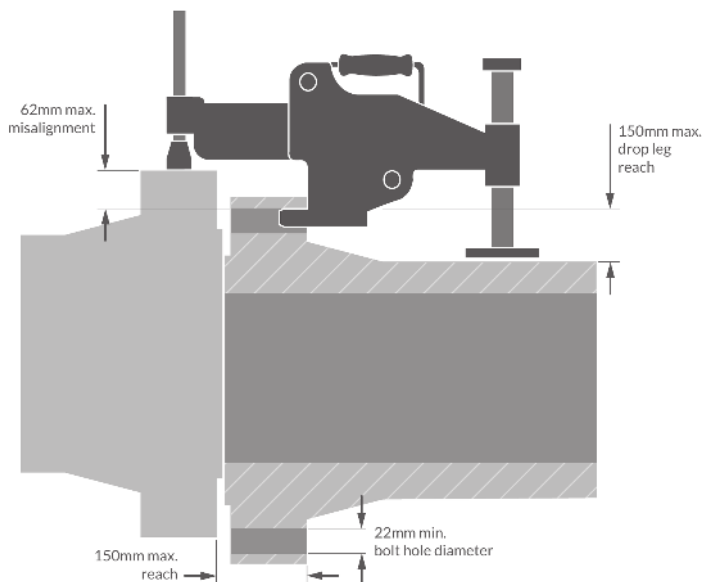
FEATURES

- **No external anchor points** or rigging required
- **Prevents misalignment** during flange joint maintenance
- **Bearings rated** to provide overload warning
- **100% load tested** and certified
- **Prevents gasket pinching** during flange joint assembly
- **Torque wrench provided** for accurate tool loading
- **Actuator swivel** ensures secure contact on flange circumference
- **Hook pin diameter of just 22 mm** gives a large application range
- **Ratchet strap anchor point** to secure tool to flange joint
- **Robust moulded case** for transportation and storage

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APPLICATION RANGE



KIT CONTENT

- 1 × AT4 tool
- 1 × Torque wrench
- 1 × Ratchet and strap
- 1 × Instruction manual
- 1 × Robust moulded carry case

KIT & TOOL DATA

Product ordering code	AT4K
Kit weight	12 kg (26.5 lbs)
Kit dimensions	580 × 340 × 180 mm (22.8" × 13.4" × 7.1")
Tool weight	8 kg (17.6 lbs)
Tool dimensions	100 × 285 × 380 mm (3.9" × 11.2" × 15.0")
Max. reach / drop leg reach	150 mm / 150 mm
Min. bolt hole diameter	22 mm



Complete kit in moulded carry case