# interpreto



# **GENERAL INFORMATION**

#### **OBJECTIVE**

Provide an instant overview of the profile of the person being assessed in terms of mechanical reasoning skills.

**CONTEXT** Selection or preselection

**TARGET CLIENTELE** 16 years and older, all work environments

**FORMAT** 68 multiple choice questions

**DURATION** 30 minutes (timed)

**COST** 30 \$

LANGUAGES AVAILABLE French English

# TAM TEST (MECHANICAL APTITUDE TEST)

The TAM is a psychometric test that provides a measure of mechanical reasoning, based on spatial abilities and knowledge of the main physical and mechanical principles. This automated tool provides a quick overview of the candidate's ability to understand and apply various physical and mechanical principles in their daily work.

### **DIMENSIONS ASSESSED IN THE TAM TEST**

- Heat
- Direction
- Electricity
- Gearing
- Forces
- Lever
- Plane and velocity
- Pulley
- Volume

# **ADVANTAGES**

- Complete autonomy on Interpreto's user-friendly platform for test administration.
- Instant report generation as soon as the candidate completes the test.
- Multiple detailed dimensions for a more nuanced view of the of the test taker's mechanical reasoning.

# **PSYCHOMETRIC QUALITIES**

- Norms: The TAM was validated in 2015 and the standards were reviewed in 2018 with a normative sample of 1 864 French and English speaking people in Canada (Quebec, Ontario, New Brunswick, Nova Scotia, Alberta and Manitoba), with a professional level of education, primarily between the ages of 15 and 55.
- Reliability: The internal consistency of the scales (based on Cronbach's alpha coefficients) ranged from 0.73 to 0.88, with the overall score coefficient being 0.84. The test-retest correlation coefficient is 0.82, which means that the test results are stable over time (9-week interval).
- ▶ Validity: The correlation coefficients between the results of the TAM with those of other recognized tests of mechanical sense vary between 0.74 and 0.83 (convergent validity).