

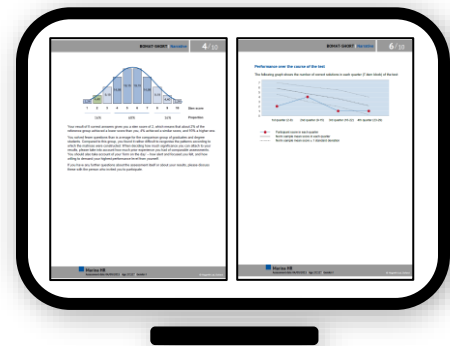
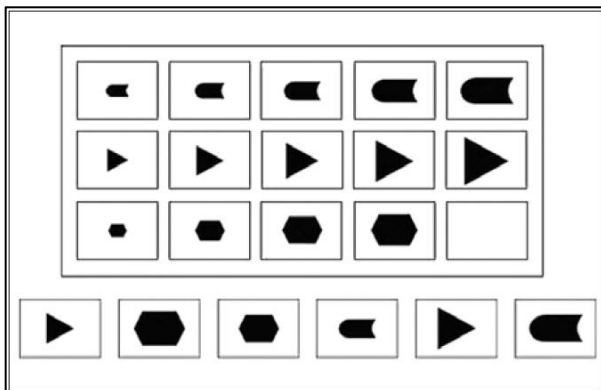
BOMAT



Bochum Matrices Test Advanced, Short Version

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You would like to identify the cognitive ability of your ‘high potentials’? The BOMAT sets out to measure the analytic and integrative operations involved in complex reasoning. The instrument makes it possible to clearly distinguish, with regards to general intelligence and intelligence capacity, between individuals of marked intellectual ability. It consists of two parts: a ‘warm-up’ part containing 10 practice items, and the test itself. Because the BOMAT Advanced Short Version is an almost entirely non-verbal instrument, it is particularly suitable for use in assessment situations in which the measurement of verbal skills is not an explicit focus.

Example item



Target group	<ul style="list-style-type: none"> • Graduates and trainees • Specialists and professionals • Managerial positions
Items	29 items
Version(s)	Parallel forms A, B, C and D
Duration	Instruction: 30 minutes, Test: 45 minutes
Psychometric properties	<ul style="list-style-type: none"> • Validity: Correlation with Assessment Centre results: Analytical skills ($r = .59$), Reasoning ($r = .54$), Organisation and planning ($r = .34$) • Reliability: Internally consistent ($\alpha = .92$)
Norm groups	N = 668 graduates and degree students (German sample, between 18 and 35 years)
	English, German, French and other languages
	German, Danish, Czech