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Mechanical vibration and shock - Coupling forces at the man-machine interface for hand-transmitted vibration - Part 2: Evaluation of coupling forces

机械振动与冲击 手传振动人机界面的耦合力 第2部分：耦合力评价

(English Translation)

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Foreword

GB/Z 35982.2-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

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1 Scope

Part 2 of the series on coupling forces at the human-machine interface for hand-transmitted vibration, this guiding technical document concerns the evaluation of those coupling forces. Hand-transmitted vibration from power tools and machinery is a recognised occupational health concern, and the forces with which the hand grips or pushes on a tool affect how much vibration energy enters the body. It adopts an international standard.

Manufacturers of hand-held and hand-guided machinery, occupational health and safety specialists, vibration measurement laboratories and researchers can use it when considering how coupling forces are assessed.

As a GB/Z document it gives guidance rather than mandatory requirements. It was issued on 27 August 2026 by the Standardization Administration of China. Readers who already work with hand-arm vibration measurement will find it a companion reference for understanding why measured exposure values can differ between operators using the same tool.

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